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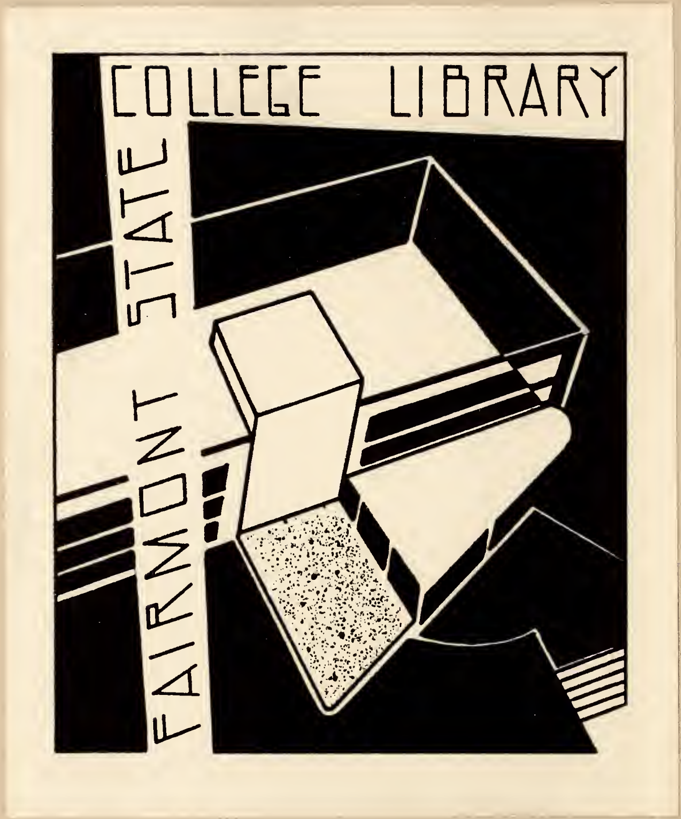
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FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

1943 - 1944

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STATE COLLEGE

FAIRMONT, WEST VIRGINIA
1943 - 1944

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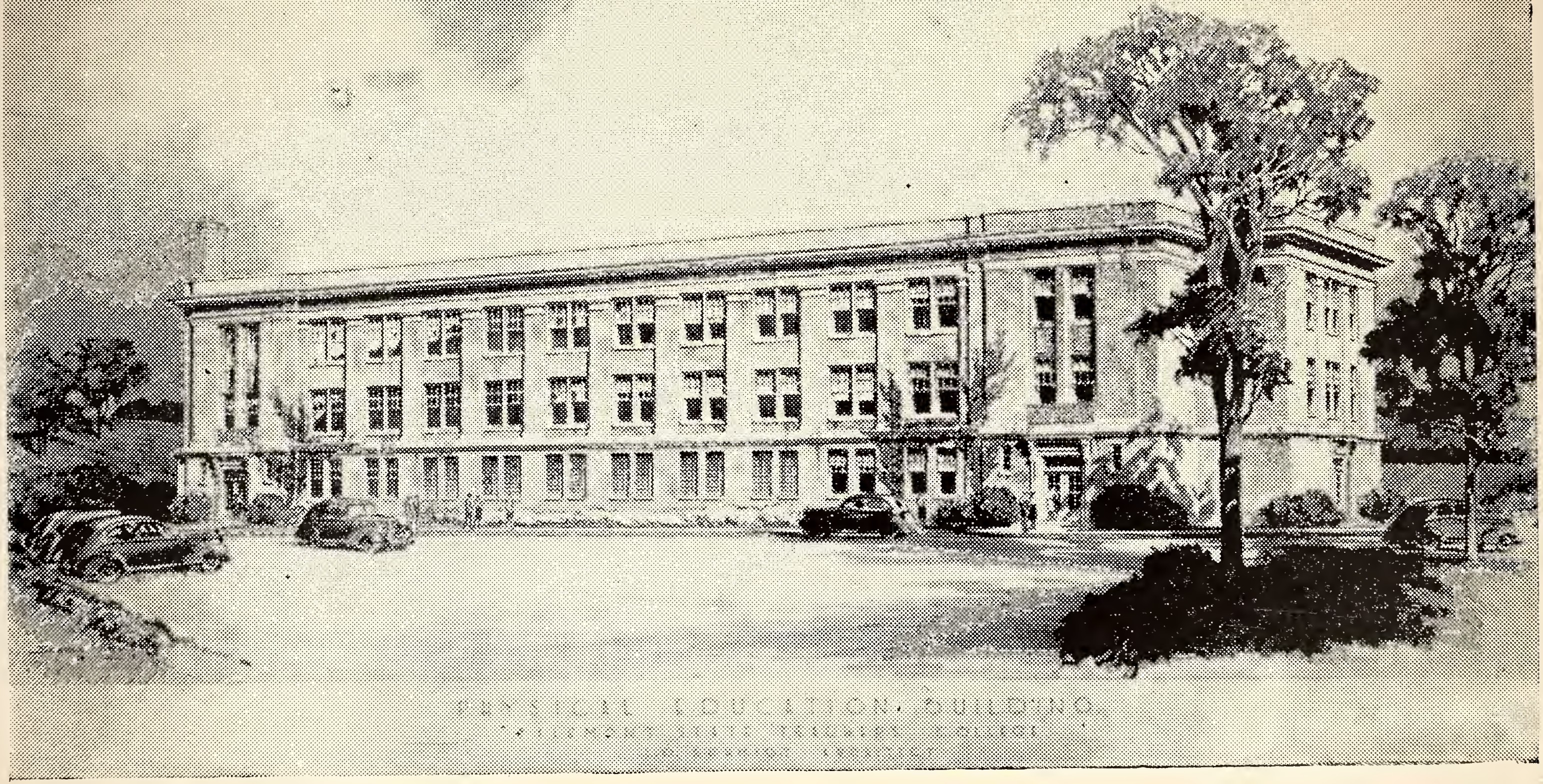
PHYSICAL EDUCATION BUILDING

NEW PHYSICAL EDUCATION BUILDING

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THE STATE BOARD OF CONTROL

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The State Board of Control has charge of the financial and business affairs of all state institutions.

THE STATE BOARD OF EDUCATION

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The State Board of Education has charge of all matters of purely scholastic nature concerning all the State educational institutions except the State University.

39506

IMPORTANT NOTICE

"An Act providing for changes in the names of State Teachers Colleges and for an enlargement of their functions; provides that these colleges shall be known respectively as follows: Fairmont State College. . . . The function of these colleges shall continue to be the preparation of teachers and also the offering of such curricula in general and vocational education as the State Board of Education may direct or approve. They are authorized to grant the degrees of Bachelor of Arts and Bachelor of Science."

(The above is a quotation from House Bills Nos. 12 and 108.)

In keeping with the purposes of the legislative enactment referred to above, Fairmont State College has revised its courses of study and schedules so that work on the newly authorized phases of college education may be put into effect immediately. Curricula leading to the degrees of Bachelor of Arts and Bachelor of Science have already been formulated. Students entering Fairmont State College may start immediately upon any one of the new degrees prescribed by the above enactment.

CALENDAR 1943-1944

Faculty Meeting	September 13
First Semester Opens	September 14
Freshman Registration	September 14
Freshman Meeting (Auditorium 9:30)	September 14
General Registration	September 15
Y. W. C. A. and Y. M. C. A. Reception	September 14-15
Student Mix	September 29
Football Season Opens	October 2
Freshman Chapel	October 7
Freshman Dinner	October 8
Social Science Conference	October 15
Dad's Day	October 16
State Educational Association	October 27-29
Special Observance	November 11
Thanksgiving Holidays Begin	November 24
School Resumes	November 29
Christmas Holidays Begin	December 17
School Resumes	January 3
Homecoming	January 7
First Semester Ends	January 28
Second Semester Begins	January 31
Junior Prom	April 14
Easter Holidays Begin	April 6
School Resumes	April 11
Kappa Delta Pi Convention	April 21
Student Body Inauguration and Ball	May 2
Special Observance	May 30
Commencement Activities	June 2-5
Commencement	June 4-5
Summer Term Begins	June 6

GENERAL INFORMATION

Fairmont State College, Fairmont, West Virginia, exists to prepare teachers. More especially, it exists to prepare teachers and supervisors for the elementary and high schools of central and northern West Virginia. It is not in any sense a competitor with the high schools of the state or with liberal arts colleges or other professional institutions; it has its own special field of endeavor and is satisfied to cultivate that field.

Fairmont sends out to most of the counties in West Virginia well-prepared and well-trained young men and women to teach and to supervise teaching in the cities, villages, and rural communities. The work of the college is thus affecting educational conditions all over the state.

Fairmont clearly recognizes the fact that the teachers college is the pivotal point of a public school system and is endeavoring to meet the responsibility consistent with that pivotal system. If the teachers college is ineffective, the entire school system suffers directly and seriously. The preparation and training of teachers is therefore an absolute essential to the success of a system of public education. Fairmont is glad to be considered a teachers college.

EXPENSES

Fairmont aims to provide adequate living and social conditions for all of its students. Rooms and meals may be had at Morrow Hall, which is the school dormitory for girls, at rates varying from $6.75 to $7.25 per week.

The school maintains a list of approved rooming places. Students are expected to live in these places unless they have special arrangements to live elsewhere. Young men wanting rooms are expected to write Mr. John W. Pence, Dean of Men; young women wanting rooms in Morrow Hall or in town should write Miss Dorcas Prichard, Dean of Women. The rates for rooms in private homes vary from $8.00 to $10.00 per month.

There are several places near enough to the campus where students can stay and have their meals at Morrow Hall, and next to living in the Hall, this is the most inexpensive way. Meals at Morrow Hall are $5.50 per week. We have places where students can have both room and meals. These same people can give meals to more people than they can give rooms. There are also several places where it is possible to do light housekeeping. This is the least expensive way to live, also the least desirable. It is not approved when not necessary.

For those students living at home all necessary expenses may be kept as low as $45.00 per semester. Actual expenses for tuition, board and room need not exceed $150.00 per semester. Certain small fees are charged for courses in the Department of Science. The fees are usually $2.00 per course. A fee of $3.00 is charged for gym outfits for women students.

The Fairmont State College is the most economical school for all young men and women living in the north-central section of West Virginia.

ENROLLMENT FEE

The enrollment fee for attendance at Fairmont is quite low and well within the reach of most young people who wish to attend college. This fee is thirty dollars ($30.00) per semester. Added to this fee are certain laboratory fees to cover cost of laboratory expenses.

RULES FOR REFUND OF FEES

Students withdrawing before the end of the first month of the semester may obtain a refund of one-half of fees paid; those withdrawing before the end of the second week may obtain a refund of three-fourths of fees paid. No part of fees may be refunded in case of withdrawal after the end of the first month of the session. Application for refunds must be made to the treasurer of the college at the time of the student's withdrawal.

SCHOLARSHIP LOAN FUND

Mary B. Price, Music Scholarships:

Miss Mary B. Price, head of the Music Department, gives a scholarship in voice training each year to one boy and one girl. This is a scholarship given to students who have had no previous vocal instruction. Auditions are held the first week of the fall semester.

LOAN FUNDS

Class of 1912 Fund:

The class of 1912 originated this fund with a sum of $100.00. Various organizations of the school have since contributed to this fund, which now totals approximately $250.00. The original purpose of the fund was to assist seniors of the Standard Normal Course. This fund is open to both men and women students.

President Rosier, Dorcas Prichard, dean of women, and John W. Pence, dean of men, constitute the committee in charge of the fund. Blanche Price, Bursar, is Secretary-Treasurer. Men students wishing to borrow from this should apply to Mr. Pence; women students to Miss Prichard.

The R. C. Jones Fund: Established in 1928.

Mr. R. C. Jones, of Fairmont, gave the college $100.00 to be used as a loan fund by boys and girls in good scholastic standing, but who cannot finish their course because of lack of funds. Security is required. There is a low interest charge.

Louise West Hite Loan Fund: Established in 1929.

Mrs. R. M. Hite gave the college $1,000.00 to be used as a loan fund to help women students complete their course. The fund was named the Louise West Hite Loan Fund in honor of the donor. Security is required. There is a low interest charge.

President Rosier, Dorcas Prichard, dean of women, and Mr. Frank S. White constitute the committee in charge of the fund. Katherine L. Thomas is Secretary-Treasurer. Students wishing to borrow from this fund should apply to Miss Prichard.

The Woman's Club Fund: Established in 1932.

The Woman's Club of Fairmont gave a fund of $60.00 to be loaned to students, especially interested in dramatics, which is to be used for tuition.

This fund is available each year to one man student and one woman student. Students wishing to borrow from this fund should apply to L. A. Wallman, head of the Department of Dramatics.

The American Association of University Women Fund: Established in 1935.

The Fairmont Branch of the American Association of University Women has given a fund to be added to for a period of five years. This fund is to be loaned to Junior and Senior college women. Students wishing to borrow from this fund must have a good character record, and an average of at least "B" for their first two years and be able to give good security.

The President of the College, the Dean of Women, and a member of the faculty who is a member of the Fairmont Branch of the American Association of University Women, constitute the committee in charge of the fund. Miss Ethel Ice is the Branch Representative on the Committee. There is a low interest charge. Students wishing to borrow from this fund should apply to the Dean of Women.

Women's Civic Organization Fund:

Three Women's Civic Organizations maintain funds from which they will lend money to students attending Fairmont State College who are in need of financial help. The organizations are:

The Major William Haymond Chapter, Daughters of the American Revolution.

The Col. Morgan Morgan Chapter, Daughters of the American Revolution.

The Fairmont Business and Professional Women's Club (this fund is the N. R. C. Morrow Fund in honor of Mrs. N. R. C. Morrow).

Students wishing to borrow from these funds should make inquiry through Miss Prichard. The three requisites for receiving loans from these funds are: good character, good scholastic standing and good security. There is a low interest charge.

The Frank C. Haymond Constitutional Prize:

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Attorney Frank C. Haymond, '06, has established an annual prize of $25.00. This prize is awarded to any regularly enrolled student who prepares the best paper relative to the general theme of "The Constitution". Papers are required to be from two thousand to thirty-five hundred words in length, and are due on or before April 15th in each school year.

The M. M. Neely Oration Contest:

Each year Governor M. M. Neely offers an award of fifty dollars ($50.00) to be given for excellence in oratory. This contest is open to all regularly enrolled students of the college. A faculty committee is in charge of this contest.

HEALTH SERVICE

All entering students are required to have a health examination. Appointments for this examination should be made with the Health Department at the time of registration. All other students are to report at certain scheduled times for health re-checks. Failure to comply with the above regulations, on the part of the student, will result in credits being held in the office of the Registrar until said regulations have been met.

A certificate from the Health Department stating that the student has complied with the above regulation must be presented by the student to his supervisor in Student Training before he will be assigned to his student teaching.

Facilities for rest during the day are available for students who wish to use them.

Two physicians and a registered nurse are available at certain stated times to examine and advise students in matters pertaining to their health.

FAIRMONT—THE CITY

Fairmont State College, as stated above, is located in Fairmont. Fairmont is a fine, modern, little city, extending a cordial welcome to the young men and women selecting Fairmont as their school. The motto of the city is "Fairmont is Friendly" and all Fairmont endeavors to put this motto in operation. Students will be glad to make the acquaintance of Fairmont.

Fairmont offers exceptional opportunities to students who want to observe and do directed teaching. Schools of practically all types of organization are available for use on the part of students. These types include rural, elementary, junior high, six year high, and senior high schools. All student participation in any of the above listed types of schools is done under careful and able supervision.

LIBRARY

Fairmont State College has a library of over 25,000 volumes under the competent supervision of librarians and assistants. The books have been selected with care, with the special view of getting together a balanced collection of the best books in different fields of knowledge and literature and especially in the fields of education. There is an unusually strong collection of reference books and other reference materials including more than 6,000 pamphlets and clippings, over 3,000 bound volumes of magazines, over 7,000 bound volumes of West Virginia and United States documents, a course of study collection and a bibliography collection. The library also contains a collection of juvenile books for use of practice and supervisory teachers and children's literature classes, and a library of Information on National Defense and Related Problems.

Over one hundred and fifty periodicals of educational and general interest are received in the library. The library is also a depository of United States governmental documents, including a large number of publications of the United States Office of Education. The library rooms consist of a large reading room and stack room combined, a smaller reading room, two offices, one small workroom and one large workroom which is used for filing unbound periodicals, etc. These rooms are furnished with modern library equipment. Most of the library standards set by the American Association of Teachers Colleges have been met by Fairmont State College.

CO-CURRICULAR ACTIVITIES

Fairmont maintains a sane and constructive co-curricular program. The various clubs, fraternities, sororities, and other organizations guarantee to each student an opportunity for expression in these various fields. The athletic program at Fairmont is one of the sanest that can be found anywhere. Very early in the history of athletics Fairmont became known as one of the first schools to de-emphasize college athletics. At Fairmont the athletic program is operated upon the play level and is not a business venture.

ORGANIZATIONS

Student Body

This organization is made up of the entire Student Body, freshmen included. All officers are students and all business is conducted by students and student officers.

Student-Faculty Social Cabinet

The cabinet is composed, as its name suggests, of representative students and faculty members. The social program for the school year is arranged through the cabinet.

Student Council

The Council is the advisory board of the Student Body organization. Members are class presidents and representatives of other campus groups.

Inter-Fraternity Council

This is an advisory board for all fraternities and sororities. The council elects its own officers.

Class Organizations

All classes in the college are organized. Each class elects its own officers. Each class plans an interesting social program for the year.

HONORARY ORGANIZATIONS

Alpha Psi Omega

National honorary Dramatic Society
Adviser, Mr. Lawrence Wallman

Lambda Delta Lambda

National honorary Physical Science
Advisers, Mr. H. F. Rogers, Mr. C. D. Haught

Sigma Pi Rho

National honorary Latin Society
Adviser, Miss Elizabeth Terry

Lambda Alpha Sigma

Honorary Letterman Society
Adviser, Jasper Colebank

Kappa Delta Pi

National honorary Education Society
Adviser, (alternate members of Education Department)

Pi Gamma Mu

National honorary Social Science
Adviser, Miss Bessie K. Crystal

Pi Upsilon Phi

National honorary Journalism Society
Adviser, Miss Medora Mason

Nu Alpha Phi

National honorary French Society
Adviser, Miss Sara M. Watts

Orchesis

National honorary Dance Society
Adviser, Miss Ernestine Troemel

CLUBS

Tri V Latin Club, Adviser, Miss Elizabeth Terry.
Schubert Choral Club, Miss Mary B. Price, Adviser.
Home Economics Club, Adviser, Miss Eva D. Compton.
The Masquers, Adviser, Mr. L. A. Wallman.
Y. W. C. A., Adviser, Miss Edna I. Miller.
Y. M. C. A., Advisers, Dr. Paul F. Opp, Mr. Haddon S. Rhodes, Mr. Harold F. Rogers.
Physical Education, Majors and Minors, Advisers, Miss Mary White, Miss Ernestine Troemel.
Four-H Club, Adviser, Mr. Frank Hall.

SOCIAL ORGANIZATIONS

Sororities

Gamma Chi Chi
Adviser, Blanche Price

Sigma Theta Rho
Adviser, Medora M. Mason

Alpha Delta Chi
Adviser, Eva D. Compton

Delta Sigma Epsilon (National)
Adviser, Bessie K. Crystal

Fraternities

Tau Beta Iota
Adviser, Lawrence A. Wallman

Omicron Pi
Adviser, Mr. C. M. Roberts

Sigma Tau Gamma (National)
Adviser, Mr. M. E. McCarty

Zeta Sigma (National)
Advisers, Dr. R. P. Ward and Frank Hall

THE BAND

The champion Maroon and White Band of Fairmont State College is one of the most outstanding organizations of its kind and is very well known throughout the state. It has a membership of approximately fifty (50) pieces. All young men and women who play instruments have the privilege of applying for membership in this organization on a competitive basis. For those without musical training, who are interested in the band, classes in beginning instruments will be offered.

NEW GYMNASIUM

The college is very happy to announce the completion of its new building which will be the home of the Physical Education and Health Department.

The building is much more than a mere gymnasium. It contains two gymnasiums, one for men and one for women. Besides these two large rooms the building contains a fine swimming pool, class-rooms, locker-rooms, showers, offices and equipment rooms. This new building has been called by those who know "the finest and most complete physical education building in West Virginia."

COURSES OF STUDY

Fairmont State College offers a teachers college course leading to a teachers certificate and to the degree of Bachelor of Arts in Education; a two-year elementary course leading to a teacher's certificate; and pre-professional courses, offered primarily for the benefit of those who do not plan to teach but who plan to enter some other institution for advanced study.

COLLEGE COURSE

Purpose: This course is designed to prepare teachers for junior and senior high schools, and for elementary schools.

Curricula: Two curricula are offered. Curriculum A for junior and senior high school teachers; Curriculum B for elementary teachers.

Entrance: "The present requirements for graduation as fixed by the West Virginia High School course of study will be recognized for college entrance to West Virginia Normal Schools and Colleges." But "students will be admitted on presentation of 15 units of high school credit, the remaining unit to be made up during the first or second year of College work." Not more than one of the 16 units required for entrance may be earned in the study of religion or the Bible.

Graduation:

1. A total of 128 semester hours of credit is required.
2. The student must earn at least 128 quality points.
3. At least 45 semester hours must be earned in courses numbered 301 and higher.
4. A minimum of 32 semester hours must be earned in residence.
5. At least 16 semester hours of residence work must be done in the senior year.

Rate at Which Credit May Be Earned: The regular amount of work each year of this course is 32 hours. The student may, by permission of his class adviser, carry 34 semester hours a year. By permission of the Committee on Classification and Credits superior students may carry 36 hours. A student whose average is 2.5 or above may be permitted to carry 19 hours in a semester.

Advanced Credit: "Work done in any state school, college, or university of the state shall be credited, hour for hour, by any other College or University of the state, subject to residence, graduation, and special requirements on account of membership in any approved association of colleges or universities." Students and graduates in the Normal courses, either in this institution or elsewhere will receive credit, hour for hour, for work done in these courses. Thus, a graduate of the two-year course, who has earned 64 semester hours, would receive credit for 64 hours on the College Course for elementary teachers. He would thus have 64 additional hours to do to complete the college course, but it is probable that he may have to do more than that to comply with the graduation requirements.

Recognition of Course: Fairmont State College is a member, in good standing, of the American Association of Teachers Colleges. Fairmont is also an institutional member of the American Council of Education. These two memberships guarantee to Fairmont graduates a high grade professional standing. Fairmont graduates are eligible to teach in North Central High Schools, (a ruling by West Virginia State High School Supervisor).

TWO YEAR ELEMENTARY COURSE

Purpose: This course is designed to prepare teachers for positions in the elementary schools of the towns, cities and rural communities of West Virginia. Upon completion of this course students are recommended for third class elementary certificates.

Entrance: The same requirements as for those entering the college course, but in order to secure adequate preparation of teachers in certain fundamental subjects, students who are admitted to any of the curricula for elementary teachers, must attain a definite standard in English, arithmetic and penmanship. Students who fail to meet the required standards in these subjects will be required to do additional work for which no collegiate credit will be given.

Length: This course represents two full years of work above a four-year high school course; 64 semester hours and 64 honor points are required for completion.

Residence: The last 16 hours of the 64 hours must be earned in Fairmont State College and at least 32 hours of work done in residence in one college.

Rate at Which Credit May Be Earned: The regular amount for each year of this course is 32 semester hours. Exceptional students may be given permission by their class advisers to carry a maximum of 34 semester hours. By permission of the Committee on Classification and Credits superior students may carry 36 hours. A student whose average is 2.5 or above may be permitted to carry 19 hours in a semester.

Certificate Granted: Students who complete this course are recommended for certificates from the State of West Virginia, good for three years, and renewable. This certificate enables the holders to teach in elementary schools in West Virginia. The credits earned are accepted on certificate requirements in other states.

PRE-PROFESSIONAL COURSES

Besides being a teachers college the college is increasing each year its offerings in the number of pre-professional courses offered primarily for the benefit of those who do not plan to teach but who plan to enter some other institution for advanced study. Courses acceptable for advanced credit in other institutions have been arranged for in the following professional fields.

Pre-Law
Pre-Business
Pre-Medical
Pre-Dental
Pre-Nursing
Pre-Engineering

For the convenience of students, detailed arrangement of the courses offered in each of the above fields is provided. As regards the coming school year, particular attention is called to such new offerings in the Pre-Business Course as Accounting, Marketing, Business Mathematics and Statistics. Courses recently added to the Pre-Engineering Course include: Mechanical Drawing, Descriptive Geometry, and Plane Surveying. Plans are under way for the definite increase in Pre-Nursing training facilities in cooperation with the Fairmont General Hospital.

CHANGING SCHEDULES

Occasionally students want to make changes in their class schedules after enrolling. If necessary, these changes may be made through the class adviser within three weeks after enrollment; thereafter only by permission of the Committee on Classification and Credits. Changes made in any other manner will result in failing grades for the student.

GRADING SYSTEM

Fairmont attempts to grade its students systematically and Scientifically. The following system is used: “A”, very superior; “B”, superior; “C”, average; “D”, inferior; “I”, incomplete; “F”, Failure; “WP”, withdrew passing; “WF”, withdrew failing. The teacher may, at his discretion, give less credit to any student than the course usually carries for poor or insufficient work. He may, for example, cut down to one, two and three semester hours the credit of a four-hour course. Cut credit may be made up in a regularly scheduled class only. Honor points are earned with grades as listed below:

Grade A—Three points for each hour of credit.
Grade B—Two points for each hour of credit.
Grade C—One point for each hour of credit.
Grade D—No honor point.

Students who average less than “C” in their teaching subjects will not be recommended for certification and will not be allowed to do student teaching. “Condition” or incomplete grades must be removed within a year, otherwise the “condition” automatically becomes a failure. No student may do additional work to raise a grade after it has been recorded except by permission of the Committee on Classification and Credits.

If a student enrolls for a course and later drops it without permission, a grade of “F” is recorded for him in the course. Permission to drop a course may be obtained from the class adviser during the first three weeks of a semester or the first two weeks of a summer term; later in the semester or summer term, from the Committee on Classification and Credits. Permission to drop a course will not be granted after the middle of any session.

STUDENT RATING

Fairmont endeavors to give each student a proper and correct rating and classification. Students are, therefore, urged to send high school records to the College before entering. The principals of the high schools will be glad to forward these records upon request of the students. These records should be sent to Miss Ethel Ice, registrar of the College.

TRAINING SCHOOL

Fairmont State College offers exceptional opportunities to students who wish to observe and do directed student teaching. Schools of practically all types of organization are available for use on the part of students. These types include rural, elementary, junior high, six-year high and senior high schools.

All student participation in any of the above listed types of schools is done under careful and able supervision.

ORGANIZATIONS

Student organizations and activities carried on by students have a distinct and notable place in the school. Recognizing that they encourage initiative and self-control, provide laboratory training in English, teach parliamentary law, and train in appearing before the public, and realizing that this is of special value for teachers, the authorities manifest keen interest in the conduct and success of established organizations and the formulation of new ones. Every student can find some kind of student work that fits in with his interest and talents.

STUDENT BODY

The entire school is organized into an association known as the Student Body which meets regularly once a month and also at the call of the president. It fills an important place in the general work of the school. Through this organization receptions are arranged, officers of "The Columns" and "The Mound" elected, special committees appointed, and many other services as they arise from time to time rendered. A Student Body fee is required of all students. This covers the cost of receptions, flowers, and additional expenses for the student body. The constitution of the Student Body is printed in the College Handbook.

GENERAL REGULATION ON DISCIPLINE

On motion of the State Board of Education, the following statement was ordered printed in the catalog of each state-supported college:

"The regulations of the college shall require from every student decorous, sober, and upright conduct, so long as he remains a member of the college student body, whether within the college precincts or anywhere else.

"The president and faculty shall have authority to formulate specific regulations for the administration of this provision."

FACULTY 1943-1944

Fairmont's faculty is made up of carefully chosen, well-trained men and women. The entire faculty at Fairmont sees teacher-training work as the big objective at Fairmont State College. All teachers, therefore, prepare their courses with the sole purpose of helping prospective teachers. The names of the faculty members follow:

JOSEPH ROSIER, *President*
B.Pd. Salem College, 1895; A.M. Salem College, 1915; LL.D. Marshall College, 1933. Member United States Senate 1941-1942.

JASPER H. COLEBANK, *Physical Education*
A.B. Fairmont Normal, 1926; Graduate work West Virginia University and University of Illinois, 1933.

EVA DAY COMPTON, *Home Economics*
B.S. West Virginia University, 1919; A.M. Teacher's College, Columbia University, 1925.

BESSIE K. CRYSTAL, *History*
B.S. Kirksville State Teachers College, Kirksville, Mo., 1920; A.M. University of Missouri, 1924; Graduate study, University of Chicago, summer 1929.

JOHN T. EVANS, *Music*
A.B. Fairmont State Teachers College, 1936; Mus. B. West Virginia University, 1938; Mus. M. West Virginia University, 1941.

RUTH FERGUSON, *Art*
Graduate of Beaver College in Fine Arts, 1915; Fairmont State Normal, 1918; A.B. Fairmont State Normal, 1927; A.M. George Peabody College for Teachers, 1932.

HAROLD D. FLEMING, *Education*
A.B. Fairmont State Normal School, 1925; A.M. George Peabody College for Teachers, 1928; Graduate Study, West Virginia University, summer 1931; Colorado University at Boulder, summers 1940 and 1941. Present position, 1939.

ERNEST FREED, *Art*
B.S. in Education, University of Illinois, 1931; B.F.A. in Painting, University of Illinois, 1933; Scholarship, Pennsylvania Academy, Tiffany Fellowship; A.M. University of Iowa, 1937.

MARY BLANCH GIBSON, *Education*
A.B. West Virginia University, 1922; A.M. Teachers College, Columbia University, 1926.

FRANK HALL, *Education*
B.S. West Virginia University, 1914; A.M. Teachers College, Columbia University, 1925.

C. D. HAUGHT, *Physical-Chemistry*
A.B. West Virginia Wesleyan College, 1922; M.S. Ohio State University, 1925.

MARY A. HAWKINS, *Assistant Librarian*
A.B. Fairmont State Teachers College, 1937; B.S. of L.S. Carnegie Institute of Technology, 1938.

MAUD M. HULL, *Education*
A.B. West Virginia University, 1919; Summer School, Columbia University, 1921-1922; A.M. Teachers College, Columbia University, 1925.

GEORGE R. HUNT, *Biology*
Ph.B. Denison University, 1922; A.M. West Virginia University, 1929; Ph.D. University of Pittsburgh, 1939.

ETHEL ICE, *Registrar*
A.B. West Virginia University, 1910; A.M. Teachers College, Columbia University, 1921; Institute for Registrars, University of Kentucky, 1923.

RUTH KRIEHN, *Health and Physical Education*
University of Wisconsin, B.S. 1936; M.A. 1937.

LOUISE LEONARD, *Education*
A.B. in Education, Fairmont State Normal School, 1924; Graduate Work, Teachers College, Columbia University, summer 1924; 1929; year, 1927-1928; A.M. Teachers College, Columbia University, 1929.

E. L. LIVELY, *Sociology*
B.S. West Virginia University, 1912; A.M. Ohio State University, 1920.

C. A. LINDLEY, *History*
A.B. Indiana University, 1921; Fellow in History, Clark University, 1921-1922, M.A. Clark University, 1922; Ph.D. University of Pennsylvania in 1932.

MEDORA MAY MASON, *Director of Public Relations, Journalism*
A.B. West Virginia University, 1927; summer terms, School of Journalism, University of Wisconsin, 1930 and 1931.

M. E. MCCARTY, *Mathematics; Director of Extension*
A.B. University of Michigan, 1915; A.M. University of Michigan, 1922.

PAUL F. OPP, *English*
A.B. Mt. Union College, 1918; Officers Material School, U. S. Navy, commissioned Ensign, 1919; A.M. Columbia University, 1923; Professional Diploma Teacher of English, Columbia University, 1923; Graduate Study in University of Toronto and West Virginia; Ph.D. University of Toronto, 1933.

EMMA G. PARSONS, *Librarian*
A.B. Kansas Wesleyan University, 1927; Library School Kansas State Teachers College, Emporia, 1929-30; A.M. University of Denver, 1937.

JOHN W. PENCE, *Political Science; Dean of Men*
A.B. Oberlin College, 1917; A.M. Oberlin College, 1923; Carnegie Fellowship in International Law, Columbia University, 1917-18.

GROVER C. PLATT, *Economics*
B.A. University of Iowa, 1936; M.A. Tufts College, 1937; Ph.D. University of Iowa, 1941.

MARY B. PRICE, *Music*
Graduate of the School of Music, West Virginia University (violin) 1917; summer session Cornell University, 1918; graduate of Pennsylvania summer sessions for Public School Music Supervisors, West Chester, Pa., 1923; studied voice with Helen Allen Hunt of Boston, 1922-23, and with Isidore Luckstone, New York City, 1924-25; post graduate work, New York University, New York City, 1925.

MAHALA DORCAS PRICHARD, *History, Dean of Women*
A.B. West Virginia University; A.M. Teachers College, Columbia University, Professional Diploma, Dean of Women, Columbia University.

H. S. RHODES, *English*
A.B. Fairmont State Teachers College; A.M. West Virginia University, 1939; present position, 1931.

JEAN E. RICHMOND, *Home Economics*
A.B. University of Illinois, 1918; A.M. Iowa State University, 1924; Graduate Work Minnesota University 1930 and Iowa State College, 1937.

CHARLES M. ROBERTS, *Biology and Elementary Science*
B.S. Pennsylvania State College, 1924; M.S. Ibid, 1925; University of Michigan Biological Station, summer 1924; graduate work Teachers College, Columbia University 1928-1929; Teachers College Diploma, "Teacher in Biology in Normal Schools and Teachers Colleges."

HAROLD F. ROGERS, *Head of Chemistry Department*
A.B. West Virginia University, 1901; A.M. Harvard, 1908.

FRANCIS SHREVE, *Head of the Department of Education*
A.B. West Virginia University, 1909; A.M. Ohio State University, 1912; Ph.D. Peabody College, 1921.

OLIVER SHURTLEFF, *Education; Dean of Instruction*
A.B. West Virginia University, 1918; A.M. West Virginia, 1922; Ph.D. Student University of Chicago, two terms.

HERMAN ARTHUR SHUTTS, *Mathematics*
A.B. in Education, Fairmont State Normal School, 1929; A.M. West Virginia University, 1931.

RUTH STALEY, *Music*
University of North Dakota, 1924-26; Northwestern University, Bachelor of Music Education, 1926-28; Chicago Art Institute.

MARJORIE D. TATE, *English*
B.S. Central Missouri State Teachers College, Warrensburg, Missouri, 1922; A.M. George Peabody College, 1926.

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Elizabeth Terry, *Latin*
A.B. Marietta College, 1928; A.M. University of Wisconsin, 1935.

Ernestine Troemel, *Health and Physical Education*
B.S. University of Wisconsin, 1925; University of California at Berkeley, 1928; A.M. Teachers College, Columbia University, 1932; University of Wisconsin, summer, 1935.

George H. Turley, *English*
A.B. Fairmont State Teachers College, 1931; A.M. West Virginia University, 1937. Leave of absence, United States Army.

Lawrence A. Wallman, *English*
A.B. West Virginia University, 1927; A.M. West Virginia University, 1929.

R. P. Ward, *Chemistry and Physical Geography*
A.B., M.Sc. and Ph.D., Ohio State University.

Sara Morgan Watts, *French*
A.B. West Virginia University, 1924; A.M. Columbia University, 1928; Diploma Teacher of French, Teachers College, Columbia University, 1928; Diploma de la Sorbonne, University of Paris, 1928.

Frank S. White, *Education*
A.B. University of Pittsburgh, 1916; A.M. George Peabody College for Teachers, 1923; Graduate Student, University of Pittsburgh, summers of 1919, 1920, 1921; Peabody 1922-23, summers of 1923, 1926 and 1927; University of Cincinnati, summer of 1930 and first semester 1930-31.

Mary Edna White, *Health and Physical Education*
B.S. University of Wisconsin, 1927; A.M. Teachers College, Columbia University, 1937; Graduate Work Teachers College, Columbia University, summer 1938.

Wilford R. Wilson, *Physical Education*
A.B. Fairmont State Teachers College, 1935; A.M. Teachers College, Columbia University, 1939. Present position, 1939.

Florence R. Clady, *College Nurse*

Edna I. Miller, *Director*
B.S. Bradley Polytechnic Institute; A.M. Institutional Management, Columbia University, 1934.

Frances L. Ridgeway, *Dietitian*
B.S. West Virginia University, 1941.

Blanche Price, *Bursar*

Katherine Thomas, *Secretary*

Edna Amos, *Recorder and Secretary to the Registrar*

Catherine Algeo Freeman, A.B., *Assistant to the Registrar*

Eileen Kurlich, *Stenographer*. On leave of absence, WAVES.

FACULTY COMMITTEES FOR 1943-1944

Classification and Credits

In order to divide the work and responsibility of this committee the college administration plans to rotate assignments to membership on the committee. Membership on the committee will follow, pretty generally, an alphabetical order of departments. The deans of the college will be ex officio members of the committee to sit with the committee. A new committee will be appointed each succeeding year. The 1943-1944 members are:

Dr. Shreve, Chairman
Mr. Rhodes
Miss Watts
Miss Ice, Secretary
Miss Compton
Dr. Platt

Members for 1944-1945

Dr. Shreve, Chairman
Mr. Lively
Mr. Turley
Miss Ice, Secretary
Mr. McCarty
Miss Hull

Assembly

Miss Staley, Chairman
Miss Mason
Miss Mary B. Price
Mr. Wallman

Athletics

Mr. Colebank
Mr. Haught
Miss White

Commencement

Mr. Rogers, Chairman
Miss Mason
Miss Mary B. Price
Miss Tate
Dean Shurtleff
Mr. Evans

Employment of Students

President Rosier
Dean Prichard
Dean Pence
Miss Blanche Price

Flower Committee

Miss Parsons, Chairman
Mrs. Thomas
Miss Terry
Dr. Hunt
Mr. Evans

Library

Miss Parsons, Chairman
Mr. Shutts
Miss Hull
Miss Tate
Miss Leonard
Miss Crystal

Placement

Mr. McCarty, Chairman
Miss Gibson
Dean Shurtleff
Mr. Colebank
Miss Ice

Radio

Miss Mason, Chairman
Mr. Wallman
Miss Staley
Dean Shurtleff
Dr. Hunt
Student Member, President Student Body

CLASS ADVISERS

Senior Class
  Dr. Opp

Sophomore Class
  General Adviser
    Dean Pence
  Academic for Unclassified
    Men—Dean Pence
    Women—Dean Prichard

  Student Council Adviser
    Mr. Wallman

Junior Class
  Miss Staley

Freshman Class
  General Adviser
    Dean Prichard
  Academic
    Men—Dean Pence
    Women—Dean Prichard

  Freshmen—Orientation
    Dean Prichard, Chairman
    Dr. Hunt, Dr. Platt,
    Miss Leonard, Mr. Turley,
    Dean Pence and
    Dean Shurtleff, Ex officio.

INTEGRATING COMMITTEE

For Single Curriculum Study and Administration

Dr. Platt, Chairman
Dr. Shreve
Miss White
Dr. Hunt
Miss Ice, Secretary

SUBJECTS REQUIRED FOR DEGREE OF BACHELOR OF ARTS IN ELEMENTARY EDUCATION AND FOR ELEMENTARY TEACHERS CERTIFICATES

	First Class Collegiate Elementary Sem. Hrs.	Provisional Collegiate Elementary Sem. Hrs.	Second Class Collegiate Elementary Sem. Hrs.	Third Class Collegiate Elementary Sem. Hrs.
ENGLISH:				
Composition	5	5	5	5
Speech	2	2		
Juvenile Literature	2	2 or	2	2
Electives	6	5	5	3
Literature				
Advanced Composition				
Library Science				
Minimum Hours Required	15	12	12	10
SOCIAL STUDIES:				
United States History and Government (Integrated)	6	6	6	6
West Virginia History, Government, and Geography (Integrated)	3		3	3
Economics	2	2	2	
Sociology	2	2	2 or	2
				or
				2
Geography	2	2	2	2
Electives:				
History				
Government				
Economics				
Sociology				
Geography				
Minimum Hours Required	18	15	15	15
SCIENCE:				
General Science (6) or General Biological Science (3) and General Physical Science (3)	6	6	6	6
Health Education	2		2	2
Practical Arithmetic	2		2	2
Electives:	3	3	3	
Biological Science				
Physical Science				
Minimum Hours Required	13	9	13	10
MUSIC:				
Introduction to Music	2	2	2	2
Public School Music	4	2	4	4
Minimum Hours Required	6	4	6	6

	First Class Collegiate Elementary Sem. Hrs.	Provisional Collegiate Elementary Sem. Hrs.	Second Class Collegiate Elementary Sem. Hrs.	Third Class Collegiate Elementary Sem. Hrs.
ART:				
Introduction to Art	2	2	2	2
Public School Art	4	2	4	2
Minimum Hours Required	6	4	6	4
PHYSICAL EDUCATION:				
Physical Education	2	2		
Grades Games and Playground Supervision	2	2 or	2	2
			2	2
Minimum Hours Required	4	2	4	4
EDUCATION:				
Educational Psychology	3	3	3	3
Teaching in Elementary Schools including:				
Principles, Methods, and Management	5	3	5	3
Directed Teaching*	5	3	3	3
Organization of W. Va. School System and Program of Study for the Elementary Schools	2		2	2
Suggested Electives	5	6	2	2
History of Education				
Philosophy of Education				
Educational Sociology				
Kindergarten and Primary Ed.				
Tests and Measurements				
Child Psychology				
Elementary School Administration and Supervision				
Minimum Hours Required	20	15	15	13
Maximum Hours Permitted	24	24	24	15
General Electives	46	67	25	2
Total Required for Certificates	Bachelor's Degree		96	64

At least 45 semester hours of the total required for the first class and provisional collegiate elementary certificates shall be selected from the third and fourth year courses.

*Directed teaching shall include training in the primary and intermediate, and/or upper elementary grade levels. Each semester hour shall require a minimum of 18 clock hours consisting of at least 50 minutes in the classroom. Of the total clock hours submitted for this minimum requirement, the maximum in observation shall not exceed 30%.

HIGH SCHOOL CERTIFICATES

FIRST CLASS HIGH SCHOOL CERTIFICATES (Valid for 5 years for teaching in junior and senior high schools) will be issued provided the following requirements have been met:

1. *Graduation and recommendation* from a standard college[1]

2. *General Requirements*[2]	Minimum 28 Sem. Hrs.
English (8), Speech (2)	10
Social Studies History, Government, Sociology, Economics and Geography. (At least one course in each of three subjects or fields must be completed.)	12
Science or Mathematics	6

3. *Professional Requirements*[3]	Minimum 20 Sem. Hrs.
Educational Psychology[4]	5
Teaching in Secondary Schools including:	
Principles, Methods, and Management	4
Directed Teaching (90 clock Hours)[5]	5

Suggested Electives:

- Organization and Program of Study of the West Virginia School System
- Tests and Measurements
- Philosophy of Education
- Educational Sociology
- High School Program of Studies
- History of Education
- High School Organization
- Current Practices in Secondary Education
- Co-Curricular Activities
- Pupil Personnel and Pupil Accounting
- The Junior High School
- Adult Education
- Introduction to Vocational Teaching

1—24 hours of extension work is permitted.

2—When any of the general requirements are included in the teaching field the work may be used to meet both requirements.

3—A maximum of 24 semester hours will be accepted.

4—2 hours of General Psychology will be accepted.

5—Directed teaching shall be completed on the junior or senior high school level in the fields designated on the certificate. Each semester hour shall require a minimum of 18 clock hours consisting of at least 50 minutes in the classroom. Of the total clock hours submitted for this minimum requirement, a maximum in observation shall not exceed 30%. A 1.0 average in professional subjects will be required for enrollment in directed teaching.

DESCRIPTIVE OUTLINE OF COURSES

Unless otherwise stated, the credit value of the course is identical with the number of hours per week that the class meets.

With a few exceptions, the courses are numbered by the following system of "levels": first year level 101-199; second year, 201-299; third year, 301-399; fourth year, 401-499. It is expected that a student enroll for courses on the level on which they are offered (that is, that first-year students enroll for first year level courses). But, with the approval of his class adviser, he may enroll for a course on either the next higher or the next lower level.

At least 45 of the 128 semester hours required for graduation must be earned in courses numbered 301 or above.

The following outline does not attempt to list the summer school courses, except in those instances where "S" is placed after the numerical designation of the course. The summer school courses are all, with frequent exceptions, chosen from the regular courses.

The abbreviations "M", "T", "W", "Th", "F", indicate the days on which the class meets. The figures, "8:00", "9:00", etc., indicate the hours at which the class begins. The value of each course, in semester hours, is found at the right of the course number and course name. In scheduling courses the time when a course is offered may be changed.

Credit for less than 6 hours in a foreign language may not be counted toward graduation.

To be admitted to a course in student teaching the student must have an average of not less than C:

1. On all credits to be counted toward graduation.
2. On all credits in the first and second teaching fields.
3. On all credits in the department of education.

Courses listed in this catalog may be changed due to new requirements by the State Board of Education.

ART 24 Sem. Hrs.

Required Courses	Minimum Required
Freehand Drawing	6
Design	6
Painting and Sculpture	6
History and Appreciation	6

Suggested Electives
  Ceramics
  Landscape Architecture

Sculpture
Advanced History and Appreciation
Advanced Painting
Jewelry
Commercial Art
Bookbinding

BIOLOGICAL SCIENCE

24 Sem. Hrs.
Minimum Required

Required Courses
General Biology (8)
or
Botany (4) and Zoology (4) 8

Suggested Electives 10
Anatomy, Ecology, Entomology, Bacteriology, Embryology, Forestry, Eugenics, Genetics, Morphology, Plant or Animal Pathology, Physiology.
(Maximum—4 hours in any one subject)

Chemistry 6

BIOLOGICAL AND GENERAL SCIENCE

34 Sem. Hrs.
Minimum Required

Required Courses
General Biology (8)
or
Botany (4) and Zoology (4) 8

Suggested Electives 8
Anatomy, Ecology, Entomology, Bacteriology, Embryology, Forestry, Eugenics, Genetics, Morphology, Plant or Animal Pathology, Physiology.
(Maximum—4 hours in any one subject)

Chemistry 8
Physics 8
Geology 2

ENGLISH

24 Sem. Hrs.
Minimum Required

Required Courses
Composition—Oral and Written 10
Speech (2)
English Composition (5)

Suggested Electives
Advanced Composition or Exposition or Study of the English Language.

Literature 12
American Literature Survey (3)
English Literature Survey (3)

Suggested Electives
- The Novel
- The Short Story
- The Drama
- Shakespeare
- The Essay
- Contemporary Literature
- Bible as Literature
- World Literature
- The Study of One Literary Period
- Study of Another Author

(Maximum—3 hours in any one subject)

Special Activities	2
Library Science or Journalism	2

FRENCH 24 Sem Hrs.*

Suggested Courses	Maximum Permitted
French Grammar	4
Modern Fiction since 1800	3
Drama of the 19th Century	3
Advanced Readings	6
Advanced Grammar and Pronunciation	3
Classical School	6
Oral French	3
French Literature	3
French Civilization and Culture	3

GERMAN 24 Sem. Hrs.*

Suggested Courses	Maximum Permitted
Elementary Grammar and Composition	6
Advanced Grammar and Composition	3
Advanced Readings	6
Oral German	6
Survey of German Literature	6
German Literature of the Classical Period	6
Nineteenth Century German Literature	6
Modern Literature	6

LATIN 24 Sem. Hrs.*

Suggested Courses	Maximum Permitted
Cicero's Orations	3
Vergil's Aeneid	3
Grammar and Composition	4
Roman Comedy	3
Latin Composition	3
Cicero's De Senectute and De Amicitia	3

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*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

Roman Letter Writing	3
Livy	3
Horace	3
Prose Anthology	3
Tacitus, Agricola or Amale; Santonius, Life of Julius or Augustus	3

LIBRARY SCIENCE

Required Courses	24 Sem. Hrs. Minimum Required
Cataloguing and Classification	4
Book Selection	4
Reference and Bibliography	3
Administration of School Libraries	3
Library Practice	3
Children's Literature and Storytelling	2
Repair and Binding of Books and Magazines	1

Suggested Electives
- History of Books and Libraries
- Librarianship as a Profession
- Teaching the Use of the Library

MATHEMATICS

Suggested Courses	22 Sem. Hrs. Maximum Permitted
Unified Mathematics	4
College Algebra	4
Solid Geometry	3
Plane Trigonometry	3
Spherical Trigonometry	3
Plane Analytic Geometry	3
Solid Analytic Geometry	3
Calculus	6
Mathematical Theory of Statistics	3
Differential Equations	3

MUSIC

Required Courses	24 Sem. Hrs. Minimum Required
Theory, including: Sight Singing Ear Training Harmony Form and Analysis	6
Applied Music, including: Piano Voice Orchestral Instruments	9

Appreciation, including:	3
Survey	
History	
Conducting, including:	6
Chorus	
Orchestra	
Band	
Ensemble	
Vocational and Instrumental	

PHYSICAL EDUCATION*

Required Courses	24 Sem. Hrs. Minimum Required
Anatomy, Physiology and Kinesiology	4
Health Education and Hygiene	4
Principles, Organization, and Administration of Health and Physical Education	2
Physical Inspection and Correction of Remedial Defects	1
Theory and Practice of Physical Education as follows:	13

	Men	Women
Team Sports Baseball, football, basketball, track and field, volley ball, speed ball, soccer, softball, touch football, field ball, field hockey and officiating.	5	5
Recreational Activities Swimming, archery, golf, tennis, badminton, table tennis, handball, boxing, wrestling, gymnastics, and apparatus.	3	3
School and Community Activities Games, first aid, camping and hiking, scoutmastership, and club leadership.	4	4
Rhythms Folk, natural, social, clog and tap dancing, marching and calisthenics.	3	3

PHYSICAL SCIENCE

Suggested Courses	24 Sem. Hrs. Minimum Required
Chemistry	12
General Chemistry	
Inorganic Chemistry	
Qualitative Chemistry Analysis	

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*No credit in Physical Education shall be allowed for participation in intercollegiate sports.

- Quantitative Analysis
- Organic Chemistry
- Food Analysis of Dairy Chemistry

Physics 8
- General Physics
- Radio and Telegraphy and Telephony
- Photography
- Light
- Sound
- Mechanics
- Heat
- Electricity
- Modern Physics

Electives (Unrestricted) 4

PHYSICAL AND GENERAL SCIENCE

34 Sem. Hrs.
Suggested Courses — Minimum Required

Chemistry 12
- General Chemistry
- Inorganic Chemistry
- Qualitative Analysis
- Quantitative Analysis
- Organic Chemistry
- Food Analysis of Dairy Chemistry

Physics 8
- General Physics
- Radio, Telegraphy and Telephony
- Photography
- Light
- Sound

Biology 8
Geology 2
Electives (Unrestricted)

SOCIAL STUDIES

24 Sem. Hrs.
Required Courses — Minimum Required

History 14
- European History (4)
- American History (6)
- West Virginia History (2)

Suggested Electives
- American History
- European History

Government 2
- American Government (2)

Suggested Electives
  State and Local Government
  Comparative Government

Economics	2

Suggested Electives
  Principles of Economics
  Labor and Industrial Problems

Sociology	2

Suggested Electives
  Principles of Sociology
  Problems of Child Welfare
  The Family
  Social Pathology

Geography	2

Suggested Electives
  Geographic Influence
  Economic Geography
  Principles of Geography
  Geography of North America
  Geography of Europe

DESCRIPTIVE OUTLINE OF COURSES

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With a few exceptions, the courses are numbered by the following system of "levels": first year level 101-199; second year 201-299; third year, 301-399; fourth year; 401-499. It is expected that a student enroll for courses on the level on which they are offered (that is, that first year students enroll for first year level courses). But, with the approval of his class adviser, he may enroll for a course on either the next higher or the next lower level.

The following outline does not attempt to list the summer school courses, except in those instances where "S" is placed after the numerical designation of the course. The summer school courses are all, with infrequent exceptions, chosen from the regular courses.

The abbreviations, "M", "T", "W", "Th", "F", indicate the days on which the class meets. The figures, "8:00", "9:00", etc., indicate the hours at which the class begins. The value of each course, in semester hours, is found at the right of the course number and course name. In scheduling courses the time when a course is offered may be changed.

Credit for less than 6 hours in a foreign language may not be counted toward graduation.

To be admitted to a course in student teaching the student must have an average of not less than C:

1. On all credits to be counted toward graduation.
2. On all credits in the first and second teaching fields.
3. On at least 8 hours in the department of education.

Courses listed in this catalog may be changed due to new requirements by the State Board of Education.

DEPARTMENT OF EDUCATION

Dr. Shreve, Mr. Fleming, Mr. White, Mr. Hall, Miss Hull,
Miss Leonard, and Miss Gibson

Third Class Elementary Certificate

(Formerly the Standard Normal)

Required	12 hours
Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 250	3 hours

Second Class Elementary Certificate

Required 16 hours

Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 250	3 hours
Education 324	2 hours
Education 330	2 hours

First Class Elementary Certificate

(Collegiate Elementary)

Required 18 hours

Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 324	2 hours
Education 330	2 hours
Education 420	5 hours

Note: Education 250 may be substituted for 3 hours of 420, if taken previously for the third or second class certificate.

Elective 2-6 hours

To be selected from the following:

Education 220	2 hours
Education 222	2 hours
Education 224	2 hours
Education 390	3 hours
Education 444	2 hours
Education 445	3 hours

Total 20-24 hours

High School Certificates

Required 15 hours

Education 331	3 hours
Education 332	4 hours
Education 435	3 hours
Education 450	5 hours

Elective 5-9 hours

To be selected from the following:

Education 324	2 hours
Education 333	3 hours
Education 390	3 hours
Education 395	2 hours
Education 430	2 hours
Education 444	2 hours
Education 455	3 hours

Total 20-24 hours

DESCRIPTIVE OUTLINES

Elementary Division

EDUCATION 202. *Educational Psychology.* (3 hours).

First and second semester, 8:00, M. W. F. Required for all elementary certificates. Open to freshmen and sophomores. The central feature of this subject is a study of Human Growth and Development. Emphasis is given to the interrelation of the physical, mental, and emotional development of the child. Approximately one third of the time is given to laboratory and field experiences in the form of observation and case studies of children and adolescents.—Dr. Shreve.

EDUCATION 203. *Educational Psychology.* (3 hours).

First and second semester, 9:00, M. W. F. Required for all elementary certificates. Open to freshmen and sophomores. This subject is a continuation of Education 203, with special emphasis on learning as a means of human growth and development. The laboratory and field experiences are continued as in Education 202. Prerequisite: Education 202.—Dr. Shreve.

EDUCATION 204. *Methods of Teaching in the Elementary School.* (3 hours).

First and second semester, 8:00, M. W. F. Required for all elementary certificates. This study covers the primary and intermediate or upper grades, and deals with the fundamental principles of teaching in elementary schools. Prerequisites: Education 202 and 203.—Training Staff.

EDUCATION 220. *Rural Education.* (2 hours).

First semester, 11:00, T. Th. Elective for elementary certificates. A study of the major problems of the rural teacher, particularly of the progressive trends in rural education.—Mr. Hall.

EDUCATION 222. *School Management.* (2 hours).

Second semester, 9:00, T. Th. Elective for elementary certificates. A study of the major problems of school management from the point of view of the classroom teacher. Prerequisites: Education 202 and 203.—Mr. White.

EDUCATION 224. *Tests and Measurements in the Elementary School.* (2 hours).

First semester, 1:00, T. Th. Elective for elementary certificates. This study aims to develop the ability to administer standard tests and to interpret the results; also, the ability to construct and administer objective tests. Prerequisites: Education 202 and 203.—Mr. White.

EDUCATION 250. *Observation and Directed Teaching.* (3 hours).

First and second semester. Hours to be arranged. Required for the third and second class elementary certificates. Open to sophomores and juniors. The student will do observation and practice teaching under the supervision of the training supervisors. A minimum of 60 clock hours is required and not more than 30% of this time may be given to observation. An average of one quality point on all previous work is required for admission to this course. Prerequisites: Education 202 and 203. —Mr. Hall, Miss Hull, Miss Leonard, and Miss Gibson.

Note: Observation and teaching must be done on at least two levels: primary and intermediate or upper grades.

EDUCATION 324. *The State System and Program of Studies.* (2 hours).

First and second semester, 10:00, T. Th. Required for the second and first class elementary certificates and elective for secondary certificates. The principal topics are: constitutional provisions for education, the state department of education, the state board of education, teacher certification, tenure and retirement of teachers, county board of education, the county superintendency, and school revenues.—Mr. White.

EDUCATION 330. *The Psychological Principles of Teaching Elementary Subjects.* (2 hours).

Second semester, 8:00, T. Th. Required for the second and first class elementary certificates. A survey and interpretation of the more important psychological investigations relating to the teaching of several of the elementary subjects. Prerequisites: Education 202, 203, and 204.—Dr. Shreve.

EDUCATION 420. *Observation and Directed Teaching in the Elementary School.* (5 hours).

First and second semester. Hours to be arranged. Required for the first class elementary certificate. Open to seniors only. The observation and teaching must be done on at least two levels; primary and intermediate or upper grades. A minimum of 90 clock hours is required. (Education 250, if previously taken, may be substituted for three hours of this requirement.)

Prerequisites: Education 202, 203, 204, and 330. Also, a point average of one quality point is required on all previous work. —Mr. Hall, Miss Hull, Miss Leonard, and Miss Gibson.

EDUCATION 444. *Statistical Methods Applied to Education.* (2 hours).

Second semester, 2:00, T. Th. Open to seniors in both the elementary and secondary curricula. The chief topics are: measures of central tendencies, measures of variability, and measures of relationship. Special attention is given to the use of the measures in collecting and interpreting educational data.—Mr. White.

EDUCATION 445. *Investigations in Elementary School Subjects.* (2 hours).

Second semester, 1:00, T. Th. Open to seniors only. Elective for collegiate elementary certificate. A study is made of the more significant investigations in reading, arithmetic, handwriting, language and spelling. Prerequisite: a minimum of 15 hours in education.—Miss Leonard.

Secondary Division

EDUCATION 331. *Educational Psychology.* (3 hours).

First and second semester, 10:00, M. W. F. Open to college juniors and seniors. Required for secondary certificates. Major topics: The native equipment of high school pupils, the psychology of the learning processes, individual differences, transfer of training, psychology and social problems, the thinking processes, personality, and marks as measures of school work.—Dr. Shreve.

EDUCATION 332. *Principles of Teaching in Secondary Schools.* (4 hours).

First and second semester, 3:00, M. T. W. F. Required for a high school certificate. Primarily for juniors. The aim of this study is to prepare the student for effective high school teaching. The point of view is that of directing the learning of high school pupils. A minimum of one hour a week of observation in the training school is required. Prerequisite: Education 331. —Mr. Shurtleff.

EDUCATION 333. *High School Organization and Administration.* (3 hours).

First semester, 9:00, M. W. F. Elective in the secondary curricula. Major topics: Objectives of secondary education, secondary school curricula, organization, supervision of instruction, activities, the pupil and the teacher. The organization of the secondary school is considered from the viewpoint of the teacher rather than the administrator. Prerequisite: Education 331.—Mr. Hall.

EDUCATION 390. *History of Education.* (3 hours).

First semester, 11:00, M. W. F. Elective in both elementary and secondary curricula. A general survey of the development of education, the emphasis on the modern period and education in the United States. Open to juniors and seniors. Prerequisite: Education 331.—Dr. Shreve.

EDUCATION 395. *Guidance in Secondary Schools.* (2 hours).

Second semester, 9:00, T. Th. Elective in the secondary curricula. Open to juniors and seniors. The point of view is guidance at work in the secondary school. Emphasis is placed upon the research which provides a basis for effective counseling and upon the technique for establishing and operating guidance programs. Prerequisite: a minimum of seven hours in education.—Mr. Hall.

EDUCATION 430. *Tests and Measurements in the Secondary School.* (2 hours).

First semester, 1:00, T. Th. Elective in the secondary curricula. The main topics are: The measurement of mental ability, tests for use in secondary schools, and statistical methods applied to education. Prerequisite: Education 331.—Mr. White.

EDUCATION 435. *The Psychology of Secondary Education.* (3 hours).

First and second semester, 1:00, M. W. F. Open to seniors only. Required in the secondary curricula. This study attempts to apply the principles of psychology to secondary education. The psychology of the high school pupil is considered; also, the psychology of several of the high school subjects. Prerequisites: Education 331 and a minimum of 10 hours of education.—Dr. Shreve.

EDUCATION 450. *Observation and Directed Teaching in the Secondary School.* (5 hours).

First and second semester. Hours to be arranged. Open to seniors only. A minimum of 90 clock hours of observation and teaching will be required. To be admitted to this course the student must have an average of C on all his subjects and an average of C on at least 8 hours of education and on all the education he has taken. Not more than 30% of the requirement may be satisfied by observation. Prerequisites: Education 331 and 332 and an additional course in education.—Mr. Fleming and Miss Hull.

EDUCATION 455. *The Philosophy of Education.* (3 hours).

Second semester, 11:00, M. W. F. Open to seniors only. Elective in both secondary and elementary curricula. Major topics: the child centered point of view, the social point of view, the function of the teacher and the school, and modern theories of learning. Prerequisites: a minimum of 10 hours in education and senior standing.—Dr. Shreve.

PSYCHOLOGY

PSYCHOLOGY 104. *General Psychology.* (3 hours).

First semester, 11:00, M. W. F. Open to freshmen and sophomores. A study is made of the principles of psychology and their application to life situations. The major topics are: methods of studying psychology, motivation, emotions and their control, the special senses and their uses, learning and the management of learning, how to think, individual differences, intelligence and its measurement, selecting a vocation, adjustment to social life and the nervous system and its functions.—Dr. Shreve.

PSYCHOLOGY 105. *Applied Psychology.* (3 hours).

Second semester, 11:00, M. W. F. Open to freshmen and sophomores. Consideration is given to the application of psychology to the solution of practical problems. The major topics are: adjustments to college life, safe driving, athletics, motivation, methods of studying, use of the library, leadership and winning friends, social problems, law, medicine, education, industry and commerce.—Dr. Shreve.

PSYCHOLOGY 321. *The Psychology of Childhood.* (3 hours).

Second semester, 10:00, M. W. F. Open to sophomores and juniors. The major topics are: methods of studying child psychology, how children learn, behavior of infants, growth and the development of physical and motor capacities, the development of language and the mental functions, growth of intelligence, emotional behavior, interests and motives, social development, moral development, personality traits and development, physical and mental hygiene, the guidance and control of child behavior. Prerequisite: Psychology 104, or Education 102 or 331.—Dr. Shreve.

ART

State Requirements for Teachers in the field of Art:

Art Courses	24 Sem. Hrs.
Art 101, Elementary Art	2 hours
Art 103, Elementary Crafts	1 hour
Art 201, Art Structure	2 hours
Art 203, Clay Modeling and Pottery	1 hour
Art 206, Lettering	2 hours
Art 220, Art Methods	2 hours
Art 302, Design	2 hours
Art 303, Perspective	2 hours
Art 304, History and Appreciation	3 hours
Art 305, High School Arts and Crafts	2 hours
Art 307, Drawing and Painting	2 hours
Art 404, History of Painting	3 hours
Additional Courses Recommended:	
Art 103, Construction	2 hours
Art 306, Advanced Color	3 hours
Art 310, Advanced Structure	2 hours

Miss Ferguson and Mr. Freed

Art. 101. *Elementary Art.* (2 hours).

First semester, 11:00, M. T. W. F. Repeated second semester. Required in all Normal School curricula. A foundation course in the theory and practice of color, free hand drawing, composition and design. Study of the principles underlying all Art Structure.

Art 103. *Elementary Crafts.* (1 hour).

Problems in papier mache, fodine, weaving, cutting and modeling. An elective course suitable for students in the elementary curricula.

Art 107. *Drawing and Painting.* (2 hours).

An introduction to water-color, oil and tempera paint, charcoal and pencil technique.

Art 201. *Art Structure.* (2 hours).

Study of composition based on principles of design and showing the use of the three basic elements—line, notan, and color. Use of ink, charcoal, water color, and tempera.

Art 203. *Clay Modeling and Pottery.* (1 or 2 hours).

This course includes modeling of small figures and animals in clay. Incised tiles. Coil methods. Biscuit firing and glazing.

Art 204. *Puppets and Marionettes.* (1 hour).

Course in the history and different types of construction of marionettes and puppets as well as practice in operating same. An elective course for Intermediate Curricula.

Art 206. *Lettering.* (2 hours).

Study of fundamental types such as Old English, Roman, Script and Modern, with their history. Studies in expressive lettering, forms to fit the idea or meaning. Monograms, allover designs, and poster layouts.

Art 220. *Art Methods and Materials for Elementary Grades.* (2 hours).

First semester, 9:00, M. W. F. Repeated second semester. Required in Primary and Rural Curricula. This course consists of a discussion of standards, methods, materials, and subject matter for teaching art in the first four grades. The students have practice in expression in color composition, design illustration, picture study, etc. Prerequisite: Art 101.

Art 302. *Design.* (2 hours).

First semester, M. T. W. Th. This course includes the study of principles of design and their application to practical problems in various techniques—such as block printing, stenciling, etc. Prerequisite: Art 101.

Art 303. *Perspective.* (2 hours).

Study of one and two point perspective, elipses in still-life groups. Reflections, shadows, interiors, color and notan in perspective.

Art 304. *Art History and Appreciation.* (3 hours).

First semester, 10:00, M. W. F. This course includes a series of talks on architecture, painting, sculpture and the minor arts with the aim of awakening understanding and enjoyment.

Art 305. *High School Arts and Crafts.* (2 hours).

An advanced course in the study of the principles of design and their application in wood blocks, metal and textiles.

Art 306. *Advanced Color.* (3 hours).

First semester, 11:00, M. T. W. Th. F.

Art 307. *Drawing and Painting.* (2 hours).

Pencil techniques, brush and ink, pen techniques, silhouettes, and pastel.

Art 308. *Book-binding.* (1 hour).

Problems in book-binding, folio construction, desk sets, and box construction.

Art 401. *Advanced Art Structure.* (2 hours).

Emphasis on advanced compositional arrangements such as murals using oil, water-color and pastel.

Art 402. *Sculpture.* (2 hours).

Sculpture in clay, wood and stone. Methods of casting and finishing.

Art 403. *Costume Design.* (3 hours).

Course consists of the study of the history of costume as it relates to modern adaptation. A study of techniques used in reproduction of fashion design. Emphasis on original costuming from history of fashions.

Art 404. *History of Painting.* (3 hours).

Second semester, 8:00, M. W. F. An advanced course in the study of the development of schools of painting. Prerequisite: Art 304.

BIOLOGY

State Requirements for teachers in the field of Biology:

Biology	18 Semester hours
Biology 104	3 hours
Biology 105	3 hours

Biology 220 or	3 hours
Biology 321	
Biology 230 or	3 hours
Biology 301	
Electives	6 hours
Biology 310	
Biology 317	
Biology 324	
Biology 330	
Biology 333	
Biology 420	
Science 311	
Science 312	
Science 320	
Chemistry	6 hours

BIOLOGY

Mr. Roberts, Mr. Hunt and Assistants

Bulletin No. 1 sets up a standard of 24 semester hours for certification in Biology (Biology 18, Chemistry 6). In view of the wide content of Biology it is urged that students use, from the large number of elective hours allowed them, every opportunity to take courses from the elective groups in both Biology and Science.

The required courses for a teaching field in Biology are starred (*).

Biology 101. *Community Biology.* (3 hours).

First semester, 8:00, T. Th. Laboratory 3:00-5:00 T. A three hour course in biology offered to meet part of the biology requirements for certification under the single curriculum.

Biology 102. *Community Biology.* (3 hours).

Second semester, 2:00-4:00, T. Th. A continuation of Biology 101. These two courses constitute the biology requirement for the single curriculum.

*Biology 104. *General Biology.* (3 hours).

First semester, Section I, M. W. F., 9:00. Section II, M. W. F., 10:00. Lab. M. or W. 1:00, 2:00 or 3:00, 4:00. This course and the one following constitutes a year's work on the biological principles which govern living things. (Biology 104 and 105 make a desirable sequence for those satisfying the science requirement of Curriculum A.). Lab. Fee, $1.00.

*BIOLOGY 105. *General Biology.* (3 hours).

Second semester, Section I, M. W. F., 9:00. Section II, M. W. F., 10:00. Lab. M. or W. 1:00, 2:00, or 3:00, 4:00. A continuation of Biology 104 with special effort to show how man has used his knowledge of biology to control and make use of the biological factors of his environment. Prerequisite: Biology 104 or 101. Lab. Fee, $1.00.

BIOLOGY 110-N. *Introduction to Human Anatomy and Psysiology.* (4 hours).

This course is planned for students in Nursing Education. It is open only to student nurses of Fairmont General Hospital. Meets 2:00-5:00, W. F. First semester.

BIOLOGY 120. *Animal Biology.* (3 hours).

First semester, 8:00, T. Th. Laboratory 3:00-5:00, W. This course is provided for those students who have a definite need for a first-year course in zoology. It cannot be substituted for Biology 104 or 105, but can be used towards a degree as an elective only. This course meets the requirements of pre-nursing standards. A comprehensive study of biological principles in their relation to the animal body is the objective. Lab. Fee, $1.00.

BIOLOGY 121. *Animal Biology.* (3 hours).

Second semester, 8:00 T. Th. Laboratory 3:00-5:00, W. A continuation of Biology 120. Prerequisite: Biology 120. Lab. Fee, $1.00.

BIOLOGY 124-N. *Microbiology.* (2 hours).

A study of microorganisms with particular emphasis on their relation to disease. This course, also, is open only to student nurses of Fairmont General Hospital. Meets 8:00-12:00, Th. First Semester.

*BIOLOGY 220. *Invertebrate Zoology.* (3 hours).

First semester, 9:00, M. W., laboratory, 1:00-4:00, Th. This course includes an extensive study of the classification, morphology, and the importance of the invertebrates. Students enrolling for this course should have an understanding of general biological concepts. Prerequisite: General Biology. Lab. Fee, $1.00.

*BIOLOGY 230. *General Botany.* (3 hours).

First semester, M. W. F., 8:00, Lab. T. 1:00 to 4:00. This course deals with the structures and principles fundamental to an understanding of plants. Lab. Fee, $1.00.

*BIOLOGY 301. *General Botany.* (3 hours).

Second semester, M. W. F., 8:00, Lab. T. 1:00 to 4:00. A continuation of the study of plants. Prerequisites for Biology 230 and 301 are Biology 101 or 104 and 105. Lab. Fee, $1.00.

BIOLOGY 310. *Human Anatomy.* (3 hours).

First semester, 11:00, M. W. F., Laboratory 1:00-3:00, F. This is an introduction to the study of the human body, designed to meet the needs of elementary teachers and high school teachers of biology, home economics, and physical education. Two periods a week will be devoted to lectures, recitations and examinations, and a double period to laboratory work. Prerequisites: Biology 101 or 104 and 105. Lab. Fee, $1.00.

BIOLOGY 311. *Kinesiology.* (3 hours).

Second semester, 11:00, M. W. F. The aim here is to acquire an understanding of the principles involved in the movement of the human body. The first part of the course consists of an extensive study of the physiology of the muscle. This is followed by a detailed consideration of the prominent muscles with regard to origin, insertion, and action. Prerequisite: Biology 310.

BIOLOGY 317. *Entomology.* (3 hours).

General survey of the insect groups.

*BIOLOGY 321. *Vertebrate Zoology.* (3 hours).

Second semester, 9:00, M. W. F. Laboratory, 1:00-4:00, F. A comprehensive survey of the Chordata with respect to anatomy, classification, and importance. An advanced course that is open only to those who have had previous work in biology. Planned to meet the needs of teachers, pre-medical and pre-dental students. Prerequisites: Biology 104 and 105.

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*Laboratory fees are required for certain courses in Biology. These fees are due at the time of enrollment.

Biology 324. *Bacteriology.* (3 hours).

The content of this course includes a study of microorganisms in their various relations to man. Laboratory exercises include the study of morphology, technique, and control measures. Meets 10:00, M. W. F. and W. 1:00-3:00.

Biology 330. *Field Botany.* (3 hours).

Second semester, T. T. 9:00, M. 1:00-4:00. The identification of the common seed plants and ferns of the region. Flower structures, family characteristics and relationships and the use of manuals are stressed. Field work required. Prerequisites: Biology 101, or 104 and 105. (230 and 231 are recommended).

Biology 333. *Biogeography.* (3 hours).

This course is designed to correlate the study of geography with biology. The work is divided between the campus and the field. The latter part includes a tour of the southern states. Only students with junior or higher rating are accepted in this course. It is offered only during the summer term.

Biology 405. *Biological Problems.* (Credit various).

By arrangement. Students with suitable preparation may schedule special work for various credit upon recommendation of the head of the department.

Biology 420. *Biological Survey.* (2 or 3 hours).

First semester, T. Th., 9:00. Lab. by arrangement. A survey of local biological materials, their collection, preservation and preparation. Prerequisite: fourteen hours of biology.

GENERAL ELECTIVES

Science 311. *Ornithology.* (2 hours).

Second semester. This course gives an additional opportunity to become acquainted with birds. The classroom will deal with migration, food, economic value, color phases and similar topics. Most of the work will be done out of doors to give first hand knowledge about the birds.—Mr. Roberts.

Science 312. *Garden Materials.* (2 hours).

Deals with soils, fertilizers, plant propagation, plant varieties and flower gardens.—Mr. Roberts.

SCIENCE 313. *Plants of Our Environment.* (2 hours).

Second semester. This course leads to an understanding of the contributions of plant to human life, of how plants reproduce and grow, of the contributions of botanical explorers, and of the work of various branches of the United States Department of Agriculture. It gives a knowledge of the plants of West Virginia.—Mr. Roberts.

SCIENCE 320. *Conservation of Appalachian Wild Life.* (2 hours).

First semester. This course desires to stress, in its local aspect, the importance of reforestation, stress flow and pollution, the use of marginal lands, National Forests and their recreational facilities, hunting and fishing with their attendant regulation as having to do with the tendency toward more leisure time.—Mr. Roberts.

CHEMISTRY

Mr. Rogers, Mr. Haught, Dr. Ward and Assistants

No person is considered officially enrolled in any laboratory course in Chemistry until he has paid the fee stated in the description of the courses below.

CHEMISTRY 101. *Introductory College Chemistry.* (4 hours).

First semester, M. W. F., 9:00. Laboratory T. & Th., 8:00, D. P. or T. & Th., 1:00, D. P. This is a first year college course in the fundamentals of the Science, applying chemical principles to many problems of everyday living. It is designed for students who have not taken chemistry in high school.

CHEMISTRY 102. *Introductory College Chemistry*—continued. (4 hours).

M. W. F., 9:00, Lab. T. and Th. as for Chemistry 101. Prerequisite: Chemistry 101.

CHEMISTRY 103. *General Chemistry.* (4 hours).

First semester. This course is for those students who present a year of high school chemistry for entrance and who have already a fair knowledge of the essentials of Chemistry. M. W. F. at 8:00 and 9:00. Laboratory either on T. and Th., 8:00-10:00 or T. Th., 1:00-3:00. Laboratory Fee, $2.00.—Mr. Rogers.

CHEMISTRY 104. *General Chemistry.* (4 hours).

Second semester. A continuation of Chemistry 103. Same hours and days as Chemistry 103. Fee, $2.00.—Mr. Rogers.

CHEMISTRY 105. *Chemical Calculations.* (2 hours).

Second semester, T. Th., 11:00. A review and systematic study of the various types of arithmetic and algebraic problems met with in general, analytical and physical chemistry.—Mr. Haught.

CHEMISTRY 107N. (2 hours).

Tuesday, 1:00-4:00. A course in elementary chemistry on college level. Less emphasis of the theories of inorganic chemistry and a larger attention to organic chemistry than in Chemistry 101. Especially designed for student nurses. Prerequisite: High School Chemistry.

CHEMISTRY 201. *Qualitative Analysis.* (3 hours).

First semester, M. at 1:00. Laboratory to be arranged. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104. Acid and basic analysis with study of theory involved. Fee, $2.00. Omitted in 1942-43.

CHEMISTRY 240. *Quantitative Analysis.* (3 hours).

Second semester, Monday, 1:00. Laboratory hours to be arranged. Volumetric determinations, chiefly. Prerequisites: Chemistry 101 and 102. Mathematics 111 or 211. Fee, $2.00.—Mr. Rogers.

CHEMISTRY 301. *Organic Chemistry.* (3 hours).

First semester, 9:00. M. W. F. This is the first half of the fundamental course in organic chemistry. It is a systematic study of the aliphatic hydrocarbons and their derivatives. Chemistry 301 should be accompanied by Chemistry 302. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104; Chemistry 201.—Mr. Haught.

CHEMISTRY 302. *A Laboratory Course in Organic Chemistry.*

First semester, 1:00 to 4:00, Tuesdays. This course is designed to accompany Chemistry 301. Prerequisites same as for Chemistry 301. Fee, $3.00.—Mr. Haught.

CHEMISTRY 303. *Organic Chemistry.* (3 hours).

Second semester. This course is a continuation of Chemistry 301 and is devoted largely to the organization of study of the methods of preparation of the aromatic compounds. 9:00, M. W. F. Chemistry 304 should accompany Chemistry 303.—Mr. Haught.

CHEMISTRY 304. *A Laboratory Course in Organic Chemistry.* (1 hour).

Second semester. Tuesday, 1:00 to 4:00. This course is designed to accompany Chemistry 303 and deals with the preparation and purification of various aromatic compounds. Fee, $3.00.—Mr. Haught.

CHEMISTRY 401. *Quantitative Analysis.* (3 hours).

Second semester. Wednesday at 2:00. Laboratory hours to be arranged. Both volumetric and gravimetric determinations are made with emphasis on the underlying principles of each operation. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104; Chemistry 201 and Mathematics 211. Fee, $2.00.—Mr. Rogers and Assistant. Omitted in 1943-44.

CHEMISTRY 403. *Seminar in Chemistry.* (1 hour).

First semester, Monday at 4:00. A study of Chemical literature, assigned readings, chiefly in scientific journals. Reports. Prerequisite: 12 hours of Chemistry. Omitted in 1943-44.

CHEMISTRY 404. *Seminar in Chemistry.* (1 hour).

Second semester. Monday at 4:00. This course is a continuation of Chemistry 403, but may be taken by an advanced student who has not had Chemistry 403. Omitted in 1943-44.

ENGLISH

Miss Mason, Dr. Opp, Mr. Rhodes, Mr. Shurtleff,
Miss Tate, Mr. Turley, Mr. Wallman

State Requirements for Teachers in the field of English:

ENGLISH	24 Sem. Hrs. Minimum Required
Required Courses	
Composition—Oral and Written	10
Speech (2)	
English Composition (5)	
Suggested Electives:	
Advanced Composition or Exposition or	
Study of the English Language	

Literature	12
American Literature Survey (3)	
English Literature Survey (3)	
Suggested Electives:	
The Novel	
The Short Story	
The Drama	
Shakespeare	
The Essay	
Contemporary Literature	
Bible as Literature	
World Literature	
The Study of One Literary Period	
Study of Another Author	
(Maximum—3 hours in any subject)	
Special Activities	2
Library Science or Journalism	

ENGLISH

High School Certificates

ENGLISH		24 Sem. Hrs. Minimum Required
Composition—Oral and Written		10
Speech 101, 105, 337	2	
English 103, 107	5	
English 302, 321, 413	3	
Literature		12
English 213, 214	3	
English 401	3	
English 121, 223, 224, 225, 226, 313, 316, 318, 322, 391, 410, Speech 421	6	
(Maximum—3 hours in any one subject)		
Special Activities		2
Library Science 101, 202-A, 202-B	2	
English 241	2	

COURSES IN COMPOSITION AND LITERATURE

ENGLISH 102. *Written and Spoken English.* (3 hours).

First semester, 11:00, M. W. F. Training in mechanics of writing and in use of reference books; attention to vocabulary building and to correct speech; short themes. Required in Single Curriculum and Curriculum B.—Miss Tate.

ENGLISH 103. *Written English.* (3 hours).

First semester. First section, 8:00, M. W. F. Second section, 9:00, M. W. F. Third section, 11:00, M. W. F. Fourth section, 1:00, M. W. F. Fifth section, 2:00, M. W. F. This course is required. Training in punctuation, capitalization, spelling, the theme writing. Second semester, section 1:00, M. W. F. Summer term, 8:00, M. W. F. (D. P.).—Mr. Rhodes, Miss Tate.

ENGLISH 104. *Written and Spoken English.* (3 hours).

Second semester, 11:00, M. W. F. Study of principles of writing—outlining, organizing, paragraphing; of accurate forms likely to be essential in future experience of student. Attention to speech, both formal and informal. Required in Single Curriculum and Curriculum B.—Miss Tate.

ENGLISH 107. *Freshman English Composition.* (3 hours).

This course is required in college curricula. Designed to treat selection of material, organization of themes, and the developing of principles of writing. Prerequisite: English 103. Second semester, First section, 8:00, M. W. F. Second section, 9:00, M. W. F. Third section, 11:00, M. W. F. Fourth section, 1:00. Fifth section, 2:00.—Dr. Opp, Mr. Rhodes, Miss Tate.

ENGLISH 121. *Narrative Poetry.* (3 hours).

Second semester, 1:00, M. W. F. A study of the principles of narrative poetry and of specific selections.—Mr. Rhodes.

ENGLISH 207. *Backgrounds of Literature.* (3 hours).

First semester, 9:00, M. W. F. A survey of the field of prose and poetry available and desirable for presentation to children; development of principles of selection and standards of evaluation; training in presenting poetry and stories. Required in Single Curriculum and Curriculum B.—Miss Tate.

ENGLISH 208. *Advanced Written and Spoken English.* (3 hours).

Second semester, 9:00, M. W. F. Development of ability to communicate in clear, effective, correct English. Training in written composition and in speech. Prerequisites: English 102 and 104. Required in Single Curriculum and Curriculum B.—Mr. Wallman.

ENGLISH 213. *American Literature to 1860.* (3 hours).

First semester, 10:00, M. W. F. Summer, 10:00 (D. P.). A general introduction to the different periods and the various types of American literature up to 1860.—Miss Tate.

ENGLISH 214. *American Literature from 1860 to Present Time.* (3 hours).

Second semester, 10:00, M. W. F. A continuation of English 213 giving survey from 1860 to present time. Largely a reading course.—Miss Tate.

ENGLISH 220. *Journalism (Advertising).* (3 hours).

Persons taking this course from the advertising staff of the Columns. Elementary principles of soliciting, advertising, and the writing of ads are studied. Laboratory periods. First semester, 10:00, M. W. F. Repeated second semester.—Miss Mason.

ENGLISH 223. *The Old Testament.* (3 hours).

10:00, M. W. F. The aim of this course is to indicate the main literary types found in the Old Testament.—Mr. Rhodes.

ENGLISH 224. *The New Testament.* (3 hours).

10:00, M. W. F. A continuation of Course 223 with careful study of the literary types and elements in the New Testament. The Testament courses are offered in alternate semesters.—Mr. Rhodes.

ENGLISH 225. *The Modern Novel.* (3 hours).

First semester, 8:00, M. W. F. Steady reading of the best British and American fiction of our times, with collateral study of the large literary movements in fiction.—Dr. Opp.

ENGLISH 226. *Modern British and American Poetry.* (3 hours).

Second semester, 8:00, M. W. F. Reading and study of contemporary poetry, American and British, and discussions and lectures on the new poetry movement.—Dr. Opp.

ENGLISH 241. *Journalism.* (3 hours).

First semester, 8:00, M. W. F. Work done is designed to enable students to read the daily newspaper intelligently, and to acquire skill in newsgathering and newswriting. Repeated second semester.—Miss Mason.

ENGLISH 302. *Narrative and Descriptive Writing.* (2 hours).

First semester, 2:00, T. Th. An advanced course designed to give especially talented students an opportunity to receive training in these types of writing. Prerequisite: English 107.—Miss Tate.

ENGLISH 313. *Shakespeare.* (3 hours).

First semester, 11:00, M. W. F. Reading of such plays of Shakespeare as will give the student some knowledge of the author's development in dramatic technique and character delineation, and such knowledge of the laws of dramatic art as is necessary for literary appreciation.—Mr. Rhodes.

ENGLISH 316. *Nineteenth Century Literature.* (3 hours).

Second semester, 10:00, M. W. F. A survey study of the essays, fiction, and the poetry of the nineteenth century.—Dr. Opp.

ENGLISH 318. *Modern Drama.* (3 hours).

Second semester and summer, 1:00, M. W. F. Study of many modern dramas—British, Continental and American.—Miss Tate.

ENGLISH 321. *A Study of the English Language.* (3 hours).

First semester, 1:00, M. W. F. A complete review of rules of spelling, grammar, diction, punctuation, sentence and paragraph structure, and forms of writing.—Miss Tate.

ENGLISH 322. *The Modern American Short Story.* (2 hours).

Second semester, 1:00, T. Th. A comprehensive study of this narrative form, stressing particularly the work of contemporary American writers in this field. Emphasis falls upon the technique used in the development of the modern tale.—Dr. Opp.

ENGLISH 341. *Journalism.* (2 hours).

First semester, 11:00, T. Th. News editing, headline writing and makeup are studied in this course. Prerequisite: English 241. Repeated second semester.—Miss Mason.

English 391. *Guided Reading.* (1 hour).

Hours to be arranged. This course consists of reading according to the student's interest, tastes, and needs, of weekly conferences with the instructors, and of group discussions.—Mr. Shurtleff.

English 401. *A Survey of British Literature.* (3 hours).

First semester, 10:00, M. W. F. In this course the student is given a chronological survey of the entire field of British Literature from the earliest times down to the present. Repeated second semester.—Dr. Opp.

English 410. *World Literature.* (2 hours).

Second semester, 2:00, T. Th. This course embraces a careful reading and study of choice selections from many countries other than Great Britain and the U. S.—Mr. Shurtleff.

English 413. *Expository Writing.* (2 hours).

Second semester, 2:00, T. Th. Designed to train in the writing of papers on themes of some difficulty. Prerequisite: English 103 or 107.—Miss Tate.

SPEECH

(Minor)

SPEECH		24 Sem. Hrs.
I. Required Courses		12-15 hours
Speech 101.	Fundamentals of Speech	2 hours
Speech 105.	Voice and Diction	2 hours
Speech 243.	Debate	2-3 hours
Speech 336.	Play Directing	2-3 hours
Speech 337.	Effective Speaking	2 hours
Speech 430.	Speech Correction	2-3 hours
II. Elective Courses		10-12 hours
Speech 151.	Play Production	2 hours
Speech 152.	Theatre Workshop	1-2 hours
Speech 244.	Intercollegiate Debating	1-2 hours
Speech 245.	Oratory	1-2 hours
Speech 301.	Make-up	1-2 hours
Speech 331.	Drama in Elementary Grades	2 hours
Speech 334.	Radio in Education	2-3 hours
Speech 421.	Poetry Interpretation	3 hours

III. English (Required in Support of Public Speaking)	14 hours
1. English 103	3 hours
English 107	3 hours
2. Advanced Composition English 302, 321, 413	2-3 hours
3. English Literature English 302-321-413	3 hours
4. American Literature English 213-214	3 hours
5. Suggested Electives English 241 Lib. Sci. 101 Eng. 226-318-223-224-322-410.	2 hours

SPEECH COURSES

SPEECH 101. *Fundamentals of Speech.* (2 hours).

First semester. First section, 8:00, T. Th. Second section, 9:00, T. Th. Third section, 11:00, T. Th. Fourth section, 1:00, T. Th. This course includes the elementary phases of oral language training needed by teachers; reading aloud, short speeches, enunciation, pronunciation, parliamentary procedure. Repeated second semester, 8:00, T. Th. Required of Speech Minors.—Dr. Opp and Mr. Wallman.

SPEECH 105. *Voice and Diction.* (2 hours).

Second semester, 9:00, T. Th. This course includes study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasing standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Minors.—Dr. Opp.

SPEECH 151. *Acting and Production of Amateur Plays.* (2 hours).

First semester, 2:00, T. Th. and some laboratories. Dramatic expression, theory and practice. Acting and staging of plays. Repeated second semester.—Mr. Wallman.

SPEECH 152. *Theatre Workshop.* (Variable credit).

Actual laboratory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, costuming, etc.—Mr. Wallman.

SPEECH 243. *Debate.* (2 hours).

First semester, hours to be arranged. Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in intercollegiate debate. Required of Speech Minors.—Dr. Platt.

SPEECH 244. *Intercollegiate Debating.* (Variable credit).—Dr. Platt.

SPEECH 245. *Oratory.* (Variable credit).

First semester, 2:00, T. Th. A study of the structure, aims, and principles of writing orations and the delivery of them.—Dr. Opp.

SPEECH 301. *Make-up.* (Variable credit).

First semester. Hours to be arranged. A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school productions. Designed for students interested in dramatic production.—Mr. Wallman.

SPEECH 331. *Dramtics in the Elementary Grades.* (2 hours).

Second semester and summer. 1:00, T. Th. Course designed for teachers in the elementary grades in the staging of entertainments of various natures. A consideration of dramatic forces suited to the elementary grades; puppetry, marionettes, choric speaking, model stage construction, etc. For students taking Curriculum B.—Mr. Wallman.

SPEECH 334. *Radio in Education.* (2 hours).

First semester, 11:00, M. W. Speech 334 is a non-technical course designed to stress the possibilities and use of radio in the class-room. Laboratory periods include the use of broadcasting and recording equipment, and the preparation and presentation of the various types of programs. The course does not include instruction in script writing. Prerequisite: English 105, or permission of the instructor.—Mr. Wallman.

SPEECH 336. *Play Directing.* (2-3 hours).

Both semesters, 2:00, M. W. Selection of plays, suitable to high school presentation, interpretation, and directing problems. Required of Speech Minors.—Mr. Wallman.

SPEECH 337. *Effective Speaking.* (2 hours).

Second semester, 8:00, T. Th. This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Minors.—Mr. Wallman.

Speech 421. *Poetry Interpretation.* (3 hours).

Second semester, 2:00, M. W. F. Oral interpretation of poetry with some practice in choric speech.—Mr. Rhodes.

Speech 430. *Speech Correction.* (2 hours).

First semester. Study and recognition of speech defects. Exercises for correction and treatment of minor defects.—Mr. Wallman.

HEALTH AND PHYSICAL EDUCATION

Mr. Colebank, Miss White, Miss Troemel, Miss Kriehn, and Mr. Wilson

State Requirements for Teachers in the field of Physical Education:

PHYSICAL EDUCATION 24 Sem. Hrs.

Required Courses	Minimum Required
Anatomy, Physiology, and Kinesiology	4 hours
Health Education and Hygiene	4 hours
Principles, Organization and Administration of Health and Physical Education	2 hours
Physical Inspection and Correction of Remedial Defects	1 hour
Theory and Practice of Physical Education as follows:	13 hours

	Men	Women
Team Sports Baseball, football, basketball, track and field, volley ball, speed ball, soccer, soft ball, touch football, field ball, field hockey and officiating.	5	5
Recreational Activities Swimming, archery, golf, tennis, badminton, table tennis, handball, boxing, wrestling, gymnastics, and apparatus.	3	3
School and Community Activities Games, first aid, camping and hiking, scoutmastership, and club leadership.	4	4
Rhythms Folk, natural, social, clog and tap dancing, marching and calisthenics.	1	3

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* No credit in Physical Education shall be allowed for participation in intercollegiate sports.

HEALTH AND PHYSICAL EDUCATION

Minimum State Requirements

PHYSICAL EDUCATION	24 Sem. Hrs.
Anatomy, Physiology and Kinesiology, four or more from Biology 310, 311	4 hours
Health Education and Hygiene four hours from Physical Education 102, 205	4 hours
Principles, Organization and Administration of Physical Education, two or more hours from Physical Education 358	2 hours
Physical Inspection and Correction of Remedial Defects, one hour from Physical Education 402	1 hour
Theory and Practice of Physical Education as follows:	13 hours

Team Sports. Five or more hours from Physical Education 103A, 103B, 103C, 105, 320, 321, 115.

Recreational Activities. Three or more hours from Physical Education, 103D, 107, 116, 209.

School and Community Activities. Four hours from Physical Education 250, 313.

Rhythms. One or more hours from Physical Education 130, 131, 230.

Requirements for College Course—(4 hours in Health and P. E.)

Physical Education 102	2 hours

Physical Education from Physical Education 105, 107, 250, 115, 116, 130, 224, 230, 400.

Requirements for Standard Normal Course	6 hours
P. E. 102	2 hours
P. E. 105	2 hours
P. E. 107	2 hours
P. E. 250	2 hours
P. E. 313	2 hours

For Men

Mr. Colebank, Mr. Wilson

PHYSICAL EDUCATION 102. *Physiology and Hygiene.* (2 hours).

First semester, 9:00, T. Th. The facts and principles of anatomy and physiology are taught in so far as they furnish some basis and reason for the more practical rules of hygiene. There will be numerous class-room demonstrations and reports. —Mr. Wilson.

PHYSICAL EDUCATION 103A. *Football.* (1 hour).

First semester, 4:00, M. T. W. Th. Participation in the fundamentals of football.—Mr. Colebank and Mr. Wilson.

PHYSICAL EDUCATION 103B. *Basketball.* (1 hour).

First semester, 4:00, M. T. W. Th. Participation in the fundamentals of basketball.—Mr. Colebank and Mr. Wilson.

PHYSICAL EDUCATION 103C. *Baseball.* (1 hour).

Second semester, 4:00, M. T. W. Th. Participation in the fundamentals of baseball.—Mr. Colebank and Mr. Wilson.

PHYSICAL EDUCATION 103D. *Tennis.* (1 hour).

Second semester, 4:00, M. T. W. Th. Participation in the fundamentals of tennis.—Dr. Lindley.

PHYSICAL EDUCATION 105. *Gymnasium and Team Sports.* (2 hours).

First semester, 11:00, M. T. W. Th. Applied Gymnasium, exercise, marching, soccer, softball, touch football, volley ball, speed ball, and other team activities.—Mr. Wilson.

PHYSICAL EDUCATION 107. *Recreational Games.* (2 hours).

Second semester, 11:00, M. T. W. Th. Badminton, Archery, Table Tennis, Handball, Boxing, Wrestling, and other individual activities.—Mr. Wilson.

PHYSICAL EDUCATION 115. *Team Games.* (1 hour).

First semester, 3:00, M. T. F. Includes Touch Football, Basketball, Volley Ball, Soccer, Softball.—Mr. Colebank.

PHYSICAL EDUCATION 116. *Individual Activities.* (1 hour).

Second semester, 3:00, M. W. F. Includes Archery, Badminton, Table Tennis, Handball, Boxing, Wrestling, Horseshoes, Foul Shooting.—Mr. Colebank.

PHYSICAL EDUCATION 118. *Military.* (2 hours).

First semester, M. W. F., 11:00 and 2:00. The two classes come together on Tu., 10:00. All men students are required to take this course. This course consists of military drill, military courtesies, manual of arms, calisthenics, and contact games and individual activities.—Mr. Colebank and Mr. Wilson.

Physical Education 119. *Military.* (2 hours).

Second semester, M. W. F., 11:00 and 2:00. The two classes come together on Tu., 10:00. Work and requirements same as 118 above.

The two courses 118 and 119 may be substituted for 105 and 107 for the duration of the war. Primarily this will concern only Physical Education Majors.

Physical Education 205. *Personal and General Hygiene.* (2 hours).

Second semester, 9:00, T. Th. Personal and General Hygiene as a means to improve the quality of human life. A biological approach to study ways of improving health and preventing disease and to help adjust ourselves socially.—Mr. Wilson.

Physical Education 112. *Swimming.* (1 hour).

First and second semesters. For beginners only, or those who have not learned to keep afloat in water.—Mr. Colebank.

Physical Education 212. *Intermediate Swimming.* (1 hour).

First and second semesters. Includes lessons in crawl, breast stroke, side stroke, deep water emergency tests and recreational activities.—Mr. Wilson.

Physical Education 131. *Social Dancing.* (1 hour).

First semester, 9:00, T. Th. Prerequisite: Women—Physical Education 111. Men—Consent of Instructor.—Miss Troemel.

Physical Education 231. *Folk Dancing.* (1 hour).

Second semester. See description with women's courses. Open to men and women.—Miss Kriehn.

Physical Education 250. *School and Community Games.* (2 hours).

Second semester, 2:00, M. W. F. Teaching of games for mass athletics, playground work, games for rural schools, recess periods, games primarily for grades one to eight.—Mr. Colebank.

Physical Education 133. *Tap Dancing.* (1 hour).

PHYSICAL EDUCATION 310. *Human Anatomy.* (3 hours).

First semester, M. W. F., 11:00. Lab. F., 1:00-3:00. This is an introductory course in the study of the human body. It is designed for teachers of biology, home economics and physical education. The chief systems of body are studied with reference to the work of teachers. Two periods a week will be devoted to lectures, recitations, discussions, etc. A double period each week will be given to laboratory work. Prerequisites: Biology 101 or 104 and 105.—Dr. Hunt.

PHYSICAL EDUCATION 311. *Kinesiology.* (3 hours).

Second semester, M. W. F., 11:00. This course involves a study of the human body as related to movement. It is offered primarily for students in physical education.—Dr. Hunt.

PHYSICAL EDUCATION 312. *Life Saving.* (1 hour).

Second semester. Includes practice in breaks, carries and other measures with a view to securing a Senior Red Cross Life Saving Certificate. Prerequisite: Swimming 212 or equal.—Miss Troemel.

PHYSICAL EDUCATION 313. *First Aid and Scoutmastership.* (2 hours).

First semester, 1:00, M. W. F. The skill of caring for injuries and preventive measures and the organization and handling of scout work.—Mr. Colebank.

PHYSICAL EDUCATION 320. *Coaching of Football.* (2 hours).

First semester, 1:00, T. Th. Topics considered—fundamentals of body and ball handling, passing, kicking, blocking, tackling, team offense and defense, formations and styles of play.—Mr. Colebank and Mr. Wilson.

PHYSICAL EDUCATION 321. *Coaching of Basketball and Baseball.* (2 hours).

Offered only in odd numbered years. Second semester, 1:00, T. Th. Topics considered—fundamentals of ball and body handling, passing, shooting, dribbling, team offense and defense, formations and styles of play. Baseball considers batting, fielding, position play, offense and defense, and other procedures of play.—Mr. Colebank.

PHYSICAL EDUCATION 358. *Organization and Administration of Health and Physical Education.* (2 hours).

Second semester, 1:00, M. W. F. Administrative procedures in the conduct of health and physical education in relation to program, facilities, awards, staff, class details, finance, publicity, recreation, interscholastic and intramural athletics, organizations, and tests and measurements.—Mr. Wilson. Offered only in even numbered years.

PHYSICAL EDUCATION 402. *Correctives.* (1 hour).

First semester, 2:00, T. Th. Theory and practice in giving health examinations and aid in correcting certain defects.—Mr. Colebank.

WOMEN'S HEALTH AND PHYSICAL EDUCATION DEPARTMENT

Miss White, Miss Troemel, and Miss Kriehn

Requirements—First or Second Teaching Field:

	State Requirements
Anatomy, Physiology and Kinesiology from Biology 310 and 311	4 hours
Health Education and Hygiene from Health Education 102 and 446	4 hours
Physical Inspection and Correction of Remedial Defects from H. E. 336	1 hour
Theory and Practice of Physical Education as follows:	13 hours
Team Sports from Physical Education 111, 123, 226	3 hours
Recreational Activities from Physical Education 112, 212, 224, 225, 401, 402	3 hours
School and Community Activities from Physical Education 222, 214, 223	4 hours
Rhythms from Physical Education 113, 131, 133, 231, 331	3 hours

Requirements for College Course—(4 hours in Health and P. E.)

All Women students are required to take 1 hour in an activity course each semester.

Hygiene 102	2 hours
Physical Education (not including 222)	2 hours

Requirements for Standard Normal Course, (6 hours)

First Year—	
P. E. 111	1 hour
P. E. 104	2 hours
Second Year—	
P. E. 214	2 hours
P. E. 222	1 hour

General Information Concerning Courses in Health and Physical Education

No student is considered officially enrolled in any activity course in Physical Education until he has had his Health Examination by the College Physician.

Students engaged in activity course adopt the costume required. Information as to securing the costume may be obtained from the department.

Students who desire to elect Physical Education as one of their teaching fields will follow the requirements for preparation for First or Second Teaching Fields. Each student in this field should consult the director of the department before completing his schedule at the beginning of his first year.

Students electing this field are required to take Art 101 and Music 101 before the beginning of the Junior year. Students electing this field are required to take Biology 101 or 104 and 105 as prerequisites for Anatomy, Physiology and Kinesiology.

SERVICE COURSES

It is the desire of the Women's Physical Education Department to provide opportunity for all women to participate in sports and recreative activities, and to receive instruction in such, according to their individual interests and needs. Classes in Swimming, Dancing, Archery, Golf, Tennis, Stunts and Tumbling. Recreational Games, Basketball, Softball, and others, are open to all women on the campus. A description of these classes is included under Physical Education.

THE MODERN DANCE CLUB

An organization open to any girl interested in furthering her skill in contemporary dance techniques.

INTRA-MURALS

The women's intra-mural program consists of tournaments in Basketball, Volley Ball, Archery, Swimming, Bowling and Recreational Games. Opportunity for instruction as well as participation is provided. These activities are open to all women students.

DESCRIPTION OF COURSES

Health Education

HEALTH EDUCATION 102. *Personal and Community Health Education.* (2 hours).

First and second semesters. The purpose of this course is to help the student acquire attitudes, habits, and knowledge, favorable to attaining and maintaining the highest possible status of personal health and cooperation as a citizen in the community health program.—Miss Troemel.

HEALTH EDUCATION 104. *Hygiene and Health Education for the Teacher in the Elementary School.* (2 hours).

First and second semesters. This course includes a study of personal and community hygiene, with emphasis upon principles and materials for teaching health in the elementary schools.—Miss White.

HEALTH EDUCATION 205. *Home Nursing.* (1 hour).

First and second semesters. This course deals with practical procedures in the care of a sick person in the home.

HEALTH EDUCATION. *Red Cross.*

Nurse's Aid Course.—Miss Clady.

HEALTH EDUCATION 336. *Corrective and Reconstructive Physical Education.* (3 hours).

Second semester. This course deals with the theory of health examinations, the diagnosis and methods for correction of postural defects. Students are provided opportunity for practical experience in examining. Prerequisite: Biology 310. —Miss White.

HEALTH EDUCATION 446. *Health Education in Junior and Senior High Schools.* (3 hours).

First semester. A study of health habits, attitudes and knowledge; and their application on the secondary school level. Prerequisite: Biology 311.—Miss White.

PHYSICAL EDUCATION

Physical Education 111. *Introduction to Physical Education.* (1 hour).

First and second semesters. An orientation course primarily for those students who have little or no background in physical activities. It includes instruction in the fundamentals of various team games such as volley ball and basketball, rhythmical activities such as social and tap dancing, individual recreational activities such as badminton and ping pong.—Miss Kriehn.

Physical Education 112. *Beginning Swimming.* (1 hour).

This course includes practice in elementary swimming, diving, and safety tests, and is planned with a view to develop individual self confidence and enjoyment of water activities. First and second semesters.—Miss Troemel and Miss Kriehn.

Physical Education 113. *Beginning Modern Dance.* (1 hour).

A course which includes natural activities arranged in dance form with a study of the simple dance and music forms. First semester.—Miss Kriehn.

Physical Education 123. *Soft Ball and Volley Ball.* (1 hour).

First semester.—Miss Kriehn.

Physical Education 131. *Social Dancing.* (1 hour).

First and second semesters. This is a course in modern ballroom dancing for beginners. Fundamental, popular steps, and social usage are presented. Open to women and men. —Miss Troemel.

Physical Education 133. *Tap Dancing.* (1 hour).

First semester. Clog and tap routines progressing in difficulty. Complete analysis of fundamental steps and original routines worked out. Open to women and men.—Miss Troemel.

Physical Education 211. *Conditioning for Physical Fitness.* (1 hour).

First and second semesters. This course consists of planned exercises, particularly of an active type, contests, and simple marching techniques. Emphasis is placed upon all around physical development. Open to all women.—Miss White.

Physical Education 212. *Intermediate Swimming.* (1 hour).

First and second semesters. A course for the purpose of increasing one's skill in the fundamental swimming strokes, in diving, and for the development of individual abilities and desires along the line of water sports. Prerequisite: Ability to swim in deep water.—Miss Troemel.

Physical Education 214. *Physical Activities for the Elementary Grades.* (2 hours).

First and second semesters. This course presents the principles, subject matter, methods and organization of Physical Education, necessary for the Classroom Teacher in the elementary school. Prerequisite: Physical Education 111.—Miss White.

Physical Education 222. *First Aid.* (1 hour).

First and second semesters. This course aims to give the student knowledge and skill necessary to care for such minor injuries as might occur on school gymnasiums, playgrounds, or athletic fields. The Standard American Red Cross Course is followed and a certificate is awarded to those fulfilling the requirements. This course may not be substituted for an activity course.—Miss Troemel.

Physical Education 223. *Playground and Recreation.* (1 hour).

Second semester. A course dealing with the theory and practice of directing recreational activities for children, adults and mixed groups. Special emphasis is directed toward programs for small communities and rural areas. May not be substituted for an activity course.—Miss Kriehn.

Physical Education 224. *Archery.* (1 hour).

First and second semesters. A course of instruction in the fundamentals of archery.—Miss Kriehn.

Physical Education 225. *Tennis.* (1 hour).

Second semester. This course deals with the fundamentals of Tennis. It is open to beginners and more advanced players.—Miss White.

Physical Education 226. *Basketball and Soccer.* (1 hour).

Second semester. This course consists of instruction in Basketball during the winter months, and soccer in the spring. It is open to beginners and more advanced players.—Miss White.

PHYSICAL EDUCATION 231. *Folk Dancing.* (1 hour).

Second semester. This course consists of instruction in folk dances of various countries. Emphasis is placed upon both the traditional and recreational values of this activity.—Miss Kriehn.

PHYSICAL EDUCATION 232. *Children's Rhythm.* (1 hour).

First semester. A course designed to give the teacher in the primary and elementary grades a background for teaching rhythm to children. It will be an attempt to show the relationship between natural rhythmic movement and rhythmic expression in music, dance, and drawing. Recommended for majors and minors in Art, Music, and Physical Education.—Miss Kriehn.

PHYSICAL EDUCATION 312. *Life Saving.* (1 hour).

This course is open to students who wish to prepare themselves for camp and pool water safety positions. It includes practice in breaks, carries, and other safety measures with a view to securing a Senior Red Cross Life Saving Certificate. Prerequisite: Ability to execute the fundamental strokes and self confidence in the water.—Miss Troemel.

PHYSICAL EDUCATION 315. *Technique of Swimming.* (1 hour).

A study of the teaching of water activities, including an analysis of major swimming strokes and of diving, and the fundamentals of water safety. It also includes details relating to water pageants, games and sports, and how to control sanitation. This course is especially planned for those intending to teach water activities.—Miss Troemel.

PHYSICAL EDUCATION 316. *Stunts and Tumbling.* (1 hour).

First semester. Individual and group stunts, tumbling and pyramid building. Prerequisite: Physical Education 111.—Miss Kriehn.

PHYSICAL EDUCATION 331. *Intermediate Modern Dance.* (1 hour).

Second semester. This course includes a study of the more advanced dance patterns and music forms, as well as work in dance composition. Prerequisite: Course in Beginning Modern Dance or its equivalent.—Miss Kriehn.

Physical Education 335. *Methods of Teaching Physical Education on Secondary Level.* (2 hours).

First semester. Open to junior students, majors, or minors in Physical Education. Members of the class participate in the organization and direction of selected Physical Education activities.—Miss White.

Physical Education 401. *Recreational Games.* (1 hour).

First semester. This course consists of badminton, deck tennis, shuffleboard, paddle tennis, ping pong, and other individual and dual sports. Open only to upper classmen—men and women.—Miss White.

Physical Education 402. *Golf.* (1 hour).

Second semester. Instruction in fundamentals of golf. Opportunity for playing on course in Spring. Open only to beginners.—Miss White.

Physical Education 421. *Organization and Administration.* (2 hours).

Second semester. This course deals with the problems and methods of organization and administration in health and physical education departments. It is open only to majors and minors in the department. Prerequisite: Physical Education 335.—Miss White.

HOME ECONOMICS

Nutrition, Foods and Home Cooking—Miss Richmond
Textiles and Clothing—Miss Compton

State Requirements for Teachers in the field of Home Economics:

HOME ECONOMICS	General 24 Sem. Hrs. Min. Required
Required Courses	
Foods and Nutrition	9
Textiles and Clothing, including Clothing Selection, Construction and Design	6
Applied Art, including Home Decoration and Furnishing	4
Home Management	3
Child Care and Development	2
Electives (Unrestricted)	
Art	4

HOME ECONOMICS 101. *Elementary Clothing.* (3 hours).

First semester, M. W., 1:00-4:00. Two three-hour laboratory periods. This course deals with the principles of construction and practice in fundamental processes. Emphasis is placed upon suitability of material and economical purchasing.—Miss Compton.

HOME ECONOMICS 102. *Clothing Selection and Construction.* (2 hours).

Second semester, 4 hours, M. W., 2:00-4:00. This course provides instruction in planning, buying, cutting, fitting, making of dresses and assembling the ensemble. Prerequisite: Home Economics 101.—Miss Compton.

HOME ECONOMICS 104. *Principles of Clothing Design.* (2 hours).

Second semester, M. W., 1:00. This course includes the study of line, color and texture in relation to individual types.—Miss Compton.

HOME ECONOMICS 105. *Clothing Reclamation.* (1 hour).

Second semester, T. Th., 9:00. Redesigning, redecorating, reconstructing and converting garments. Includes renovation and dyeing.—Miss Compton.

HOME ECONOMICS 201. *Elementary Foods.* (3 hours).

First semester, T. Th., 1:00-4:00. Application of recent theories of food preparation as they affect the nutritive value, flavor and appearance of food. Preservation and use of available foods under war conditions.—Miss Richmond.

HOME ECONOMICS 202. *Advanced Foods.* (3 hours).

Second semester, T. Th., 1:00-4:00. Continuation of Home Economics 201; also meal service with emphasis on cost in time and money.—Miss Richmond.

HOME ECONOMICS 203. *Children's Clothing.* (2 hours).

Second semester, M. W. F., 10:00. This course includes the planning, purchasing and making of children's clothing, considering hygiene, comfort, beauty, and practicability. Prerequisite: Home Economics 101.—Miss Compton.

HOME ECONOMICS 210. *Textiles.* (3 hours).

First semester, three hours, M. T. W. Th., 11:00. A course designed to give a knowledge of the important textile fibers, their manufacture, use and care.—Miss Compton.

HOME ECONOMICS 230. *Handcraft.* (2-3 hours).

First semester, M. W. F., 8:00. Practical leisure activities; weaving, knitting, crocheting and related crafts. Elective.—Miss Compton.

HOME ECONOMICS 303. *Nutrition.* (2 hours).

First semester, M. W., 8:00. Nutritive value of foods and their relation to health of adults and children. Materials and methods of popularizing the facts of nutrition in the community. Prerequisites: Home Economics 201 and 202, Chemistry 101 and 102. Open to non-majors by consent of instructor.—Miss Richmond. (This course certifies for the Red Cross Nutrition Certificate.)

HOME ECONOMICS 312. *Consumer Economics.* (2 hours).

Second semester, M. W., 10:00. The consumers wartime economic program; rationing, price ceilings, savings programs, sources of information on the care, repair and necessary purchases of household consumable goods.—Miss Richmond.

HOME ECONOMICS 315. *Home Management.* (3 hours).

Second semester, M. W. F., 9:00. A study of the management of the home, financial and mechanical.—Miss Compton, Miss Richmond.

HOME ECONOMICS 320. *Home Planning and Furnishing.* (4 hours).

First semester, M. W. F., 9:00 to 11:00. A study of the evolution of the house, modern houses, location, construction, from a scientific, sanitary, economic and artistic standpoint.—Miss Compton.

HOME ECONOMICS 330. *Child Care and Development.* (2 hours).

First semester, T. Th., 9:00. The care and development of the infant and pre-school child from the standpoint of home and parent.—Miss Richmond.

HOME ECONOMICS 340. *Institutional Management.* (3 hours).

First semester, M. W. F., 10:00; M. W., 11:00. Consists of laboratory work done in Cafeteria and girls dormitory. Value of school feeding from educational standpoint. Organization and policies.—Miss Miller.

*HOME ECONOMICS 403. *Costume Design.* (2 hours).

Second semester, M. T. W. Th., 11:00. A practical application in cloth of the designs created in Costume Design in Art Department. Prerequisite or Parallel: Art 403.—Miss Compton.

*HOME ECONOMICS 404. *Advanced Nutrition.* (2 hours).

Second semester, T. Th., 8:00-10:00. A qualitative and quantitative study of food selection for individuals, children and adults. Dietaries computed and executed. Prerequisites as for Home Economics 410. Especially recommended for home economics majors.—Miss Richmond.

*HOME ECONOMICS 406. *Home Economics Techniques.* (2 hours).

First semester, T. Th., 8:00. The philosophy of home economics and its historic background. Much thought is given to organization of teaching materials: books, pamphlets, bulletins and illustrative material. Experience before the group in such techniques as demonstration and discussion leading.—Miss Compton and Miss Richmond.

LANGUAGES

(Other than English)

Miss Ice, Miss Watts, Miss Terry

FRENCH

Miss Watts, Miss Ice, Miss Terry

State Requirements for Teachers in the field of French:

FRENCH	24 Sem. Hrs.**
Suggested Courses	Maximum Permitted
French Grammar and Composition	4
Modern Fiction since 1800	3
Drama of the 19th Century	3
Advanced Readings	6
Advanced Grammar and Pronunciation	3
Classical School	6
Oral French	3
French Literature	6
French Civilization and Culture	3

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*Especially recommended for majors.

**2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

Two years high school French will substitute for French Courses 101 and 102. In such cases students should begin with French 203 and 221.

FRENCH 101. *Beginners Course.* (3 hours).

First semester, 11:00, M. W. F. Pronunciation, early reading for comprehension of easy prose, elements of grammar, regular verbs and common irregular verbs, oral and written drill and composition.

FRENCH 102. *Elementary French.* (3 hours).

FRENCH 201. *Review Grammar and Composition.* (2 hours).

Second semester, 9:00, T. Th. The aim is to learn to use the language in easy idiomatic writing, with grammar as a means to this end. Prerequisites: French 101 and 102 or two units of high school French.

FRENCH 203. *Oral French.* (2 hours).

First semester, 9:00, T. Th. Pronunciation, oral reading, conversation. Prerequisites the same as for French 201.

FRENCH 221. *Modern Fiction since 1800.* (3 hours).

First semester, 10:00, M. W. F. Class and collateral reading in French of easy novels and short stories by well known French authors, stressing comprehension, appreciation of story and style, and some understanding of general literary trends. Prerequisites: French 101 and 102, or two units of high school French.

FRENCH 222. *Drama of the Nineteenth Century.* (3 hours).

Second semester, 10:00, M. W. F. Similar to French 221 except in the dramatic field. Prerequisites: French 101, 102, 221 or equivalent.

FRENCH 301. *Literature of the Seventeenth Century.* (3 hours).

First semester, 9:00, M. W. F. Reading of the plays of Corneille, Racine and Moliere with outside reports from the other writers. Prerequisites: Two years of college French or equivalent.

FRENCH 302. *Literature of the Eighteenth Century.* (3 hours).

Second semester, 9:00, M. W. F. Especial emphasis on the writings of Rosseau and Voltaire, with outside reading on the other writers. Prerequisites the same as for French 301.

French 309. *Advanced Grammar and Composition.* (2 hours).

First semester, 11:00, T. Th. For Juniors and Seniors. Emphasis on grammar not only as something to be learned, but as something to be taught.

French 310. *Advanced Conversation.* (2 hours).

Second semester, 11:00, T. Th. Prepared talks and free conversation on subjects of practical interest in everyday life. For Juniors and Seniors.

French 341. *French Civilization and Culture.* (2 hours).

First semester, 10:00, T. Th. Prerequisite 16 hours of French or equivalent.

French 409. *Phonetics and Pronunciation.* (2 hours).

Second semester, 8:00, T. Th. Prerequisite: 18 hours of French.

French 412. *Contemporary Plays.* (2 hours).

French 421. *The Romantic Movement.* (3 hours).

First semester, 11:00, M. W. F. Emphasis on the poetry of Hugo, Lamartine, Vigny and Musset, with collateral reading of novels and plays. Prerequisite: French 301.

French 422. *French Literature since 1850.* (3 hours).

A continuation of French 421.

GERMAN

Miss Ice

German 101. *Beginners' Course.* (3 hours).

First semester, 10:00, M. W. F. Pronunciation, syntax, reading and composition.

German 102. *Elementary German.* (3 hours).

Second semester, 10:00, M. W. F. Continuation of German 101. Prerequisite: German 101 or one unit of high school German.

German 201. *Intermediate German.* (3 hours).

First semester, 9:00, M. W. F. Reading, composition, conversation. Prerequisites: German 101 and 102 or two units of high school German.

GERMAN 202. *Intermediate German.* (3 hours).

Second semester, 9:00, M. W. F. Continuation of German 201. Prerequisites: German 101, 102 and 201 or their equivalents.

LATIN

State Requirements for Teachers in the field of Latin:

LATIN 24 Semester Hours

Latin 101
Latin 102, or
two units of high school Latin.

Background	2	
Latin 204		2
Latin 320		2
Composition	4	
Latin 312		2
Latin 314		2
Latin 318		2
Grammar	3	
Latin 201		3
Latin 202		3
Literature and History	11	
Latin 225		3
Latin 227		3
Latin 304		3
Latin 322		3
Latin 324		3
Latin 327		3
Latin 329		2-3
Latin 404		3

LATIN

Miss Terry

LATIN 101. *Introduction to Latin.* (5 hours).

First semester, M. T. W. Th. F., 11:00. This course is given as a prerequisite for law, medicine, ministry, business administration, etc. Equivalent of first year high school Latin.

LATIN 102. *Introduction to Latin.* (5 hours).

Second semester, M. T. W. Th. F., 11:00. Continuation of Latin 101. Equivalent to second year high school Latin.

Latin 201. *Latin Translation.* (3 hours).

First semester, M. W. F., 8:00. This is a translation course with review of syntax introduced in first year. Additional drill on subjunctives, participles and indirect discourse. Prerequisites: 101-102 or two years of high school Latin.

Latin 202. *Latin Translation.* (3 hours).

Second semester, M. W. F., 8:00. A continuation of Latin 201.

Latin 204. *Roman Civilization.* (2 hours).

Second semester, T. Th., 8:00. Comparison of arts, sciences, manners, customs, social and political life of Romans and Americans. References in both Latin and English.

Latin 225. *Cicero's Orations.* (3 hours).

First semester, M. W. F., 9:00. Translation of Four Orations against Catiline and Pro Archias.

Latin 227. *Cicero's Essays.* (3 hours).

Second semester. M. W. F., 9:00. Cicero's De Amicitia and Senectute.

Latin 304. *Horace.* (3 hours).

Second semester, M. W. F., 1:00. Translation of the most important Odes and Epodes of Horace.

Latin 312. *Latin Composition.* (2 hours).

First semester, T. Th. 9:00. Drill on Latin syntax and composition.

Latin 314. *Latin Composition.* (2 hours).

First semester, T. Th., 9:00. Continuation of Latin Composition.

Latin 320. *Myths and Legends of Greeks and Romans.* (2 hours).

First semester, T. Th., 8:00. Myths read in both English and Latin. Study of Mythological references in English literature. Place of mythology in modern life.

Latin 322. *Virgil.* (3 hours).

First semester, M. W. F., 1:00. Study of epic scansion and dactyllic hexameter. Translation of Books I-III Aenid. Prerequisites.

LATIN 324. *Virgil* (continued). (3 hours).

Second semester, M. W. F., 1:00. Books IV-VI Aenid. Prerequisites.

LATIN 327. *Roman History.* (3 hours).

First semester, M. W. F., 10:00. Readings in Latin from Cato, Sallust, Tacitus, Suetonius. References in English.

LATIN 329. *Pageant of Poetry and Prose.* (3 hours).

First semester, M. W. F., 1:00. Trace beginnings of Latin poetry and prose from Cato to post-Augustan writers. Stress golden age of Latin literature. These are both in Latin and translation.

LATIN 331. *Medieval Latin.* (3 hours).

Second semester, M. W. F., 1:00. A study of Latin works from the fourth century to the Early Renaissance in literature, history and philosophy. The rapid reading of relatively easy Latin designed to develop speed and to correlate Classical Latin with the modern languages.

LATIN 404. *Plautus and Terence.* (3 hours).

Second semester, M. W. F., 10:00. Latin plays, study of Latin tragedy and comedy, classical unities and peculiarities of Old Latin translations.

LATIN 427. *Livy.* (3 hours).

First semester, M. W. F., 10:00. Translation of selections from Ab Urbe Condita Libri, Books I, V, XXI, XXII, XXX and study of the early history of Rome.

SPANISH

SPANISH 101. *Elementary Spanish.* (3 hours).

First semester, 2:00, M. W. F. Grammar, pronunciation, composition, conversation, dictation. No credit toward graduation is given for Spanish 101 without Spanish 102.

SPANISH 102. *Elementary Spanish* (continued). (3 hours).

Second semester, 2:00, M. W. F. Prerequisite: Spanish 101.

SPANISH 201. *Modern Spanish.* (3 hours).

First semester, 9:00, M. W. F. Rapid reading, review of grammar, composition and conversation. Prerequisites: Spanish 101 and 102 or two years of high school Spanish.

Spanish 202. *Modern Spanish* (continued). (3 hours).

Second semester, 9:00, M. W. F. Prerequisite: Spanish 201.

Spanish 221. *Intermediate Composition and Conversation.* (2 hours).

First semester, 8:00, T. Th. Prerequisite: Spanish 201.

Spanish 222. *Intermediate Composition and Conversation* (continued). (2 hours).

Second semester, 8:00, T. Th. Prerequisite: Spanish 221.

Spanish 301. *Nineteenth Century Literature to 1870.* (3 hours).

First semester, 10:00, M. W. F. Lectures, selected readings and reports.

Spanish 302. *Contemporary Literature.* (3 hours).

Second semester, 10:00, M. W. F. Spanish literature since 1898.

Spanish 340. *Spanish American Literature.* (3 hours).

First semester, 1:00, M. W. F. Study of Spanish American history and culture through its literature.

Spanish 341. *Spanish American Literature* (continued). (3 hours).

Second semester, 1:00, M. W. F.

Spanish 421. *Literature of the Golden Age.* (3 hours).

First semester, 11:00, M. W. F. Origin and development of drama through the Golden Age, Lope de Vega, Calderon and the early novel with selections from Cervantes.

Spanish 422. *Spanish Drama since the Golden Age.* (3 hours).

Second semester, 11:00, M. W. F.

Spanish 327. *Advanced Conversation and Composition.* (2 hours).

Second semester, 10:00, T. Th.

LIBRARY METHODS

Miss Parsons, Miss Hawkins

Library Methods 101. *The Use of the Library.* (2 hours).

First semester, 11:00, T. Th. Library Methods 101-A is a course planned to acquaint students with the resources of the library and to enable them to use this material efficiently. It covers the first nine weeks of the semester, and one hour credit is given.

Library Methods 101-B continues the study of library resources and includes reference material in special fields. It covers the last nine weeks of the semester. Prerequisite: Library Methods 101-A.

LIBRARY METHODS 202. *The School Library.* (2 hours).

Second semester, 2:00, T. Th. Library Methods 202-A includes a study of the selection of books, magazines, and other library materials useful to teachers. This will be given in the first nine weeks of the semester. One hour credit will be given for this part of the course.

Library Methods 202-B includes a study of simple methods of organization and management of the small school library. For the teacher-librarian. This will be given in the last nine weeks of the semester. Prerequisite: Library Methods 202-A.

LIBRARY METHODS 304. *Practice Work.* (2 hours).

Hours to be arranged. Prerequisite: Library Methods 202. Individual work based on student's previous experience and related to student teaching when possible. Part of this work is done at the college and part in the training schools.

MATHEMATICS

GENERAL REQUIREMENTS—High School Certificate.

22 Semester Hours

Two semester hours may be deducted for each high school unit with a maximum deduction of six hours for the following courses. One unit of Elementary Algebra, one unit of Plane Geometry, one-half unit for Intermediate Algebra, Advanced Algebra, and Solid Geometry.

Remaining requirements may be made up from the following courses:

Advanced Algebra	2 hours
Solid Geometry	3 hours
College Algebra	4 hours
Plane Trigonometry	3 hours
Analytic Geometry	4 hours
Mathematical Theory of Statistics	3 hours
Calculus	8 hours
Differential Equations	3 hours
Theory of Determinants and Analytics of Space	3 hours

MATHEMATICS

Mr. McCarty, Mr. Shutts

MATHEMATICS 111. *Advanced Algebra.* (2 hours).

Each semester, 11:00, M. W. F. This course is designed for applicants who haven't had much high school mathematics and need a review before studying the advanced algebra. The first six weeks will be spent in reviewing elementary algebra and plane geometry. After that the advanced algebra will be presented.—Mr. Shutts.

MATHEMATICS 121. *Solid Geometry.* (3 hours).

First semester, 9:00, M. W. F. This course is open to students not offering this subject as entrance credit. Emphasis is placed upon original exercise, construction and the nature of mathematical proof.—Mr. Shutts.

MATHEMATICS 131. *Descriptive Geometry.* (3 hours).

Second semester, 2:00-4:00, M. W. F. The aim of this course is to give a thorough knowledge of the methods and devices employed in development of the subject, including a thorough treatment of coordinate planes, coordinates, orthographic projections, projections, point of sight, views, etc. Prerequisites: Mechanical Drawing and Solid Geometry.—Mr. Shutts.

MATHEMATICS 203. *Practical Arithmetic.* (2 hours).

First and second semesters, 8:00, T. Th. Required of all students seeking elementary certificate. It is a general review course of the principles, processes, and methods of arithmetic —much drill is given in the solution of problems. Not open to Mathematical majors.—Mr. Shutts.

MATHEMATICS 205. *General Mathematics.* (3 hours).

Each semester, 8:00, M. W. F. This course is designed for those wishing to meet the mathematical requirement for elementary certification. The aim of this course is to give a thorough review of the processes and principles of elementary mathematics that will equip the teacher to handle the subject in the upper grades. The course will include a study of common fractions, decimals, percentages, interest, ratio, proportion, graphs, simple equations, the formula and intuitive geometry. —Mr. Shutts.

MATHEMATICS 213. *Business Mathematics.* (3 hours).

First semester, 10:00, M. W. F. This course is designed for those interested in business administration and teachers who wish 6 hours in elementary mathematics. It includes the fundamentals of arithmetic and algebra, logarithms, functions as applied in the study of interest, bonds, stocks, annuities, etc.—Mr. McCarty.

MATHEMATICS 221. *College Algebra.* (4 hours).

First and second semester, 11:00, M. T. W. F. A study of the general quadratic and simultaneous quadratic equations, progressive, variations, logarithms, mathematical induction, functions, theory of equations, permutations, combinations, and determinants.—Mr. McCarty.

MATHEMATICS 231. *Plane Trigonometry.* (3 hours).

First and second semesters, 9:00, M. T. W. F. The development and use of trigonometric functions and relations between functions, logarithms and the solution of triangles.—Mr. McCarty.

MATHEMATICS 241. *Plane Surveying.* (3 hours).

First semester, 1:00, M. W. F. This course will include a study of spherical trigonometry, as well as a general treatment of the elementary principles and methods of plane surveying, including both field work and office work. Prerequisite: Mathematics 231.—Mr. Shutts.

MATHEMATICS 251. *Analytic Geometry.* (4 hours).

Second semester, 9:00, M. W. Th. F. A brief treatment of the system of coordinates, geometric magnitudes, loci and their equations.—Mr. McCarty.

MATHEMATICS 261. *Mathematical Theory of Statistics.* (3 hours).

Second semester, 10:00, M. W. F. An introductory course for those interested in business administration. The course includes computation of statistical measurements, methods of collecting and analyzing data and the interpreting of results.—Mr. McCarty.

MATHEMATICS 311. *Spherical Trigonometry.* (3 hours).

First semester, M. W. F. The purpose of this course is twofold: to provide a thorough knowledge of spherical trigonometry and to acquaint the student with some of the problems encountered in Astronomy and in the navigating of aircraft and surface vessels. Prerequisite: Mathematics 231.—Mr. Shutts.

MATHEMATICS 321. *Differential Calculus.* (4 hours).

First semester, 8:00, M. T. W. F. An extensive treatment of the ideas of calculus as applied to limits, differentiation of algebraic and transcendental functions. Prerequisite: Mathematics 305.—Mr. McCarty.

MATHEMATICS 331. *Integral Calculus.* (4 hours).

Second semester, 8:00, M. T. W. F. A continuation of Mathematics 321 including thorough treatment of the integral. —Mr. McCarty.

MATHEMATICS 401. *Differential Equations.* (3 hours).

First semester, 10:00, M. W. F. A brief study of differential equations and their application. Prerequisite: Mathematics 331.—Mr. Shutts.

MATHEMATICS 421. *Descriptive Astronomy.* (3 hours).

First semester, 1:00, M. W. F. The aim of this course is to study the application of mathematics in the solutions of the simple problems of astronomy. Prerequisite: Mathematics 251. —Mr. Shutts.

MATHEMATICS 431. *Theory of Determinants and Analytics of Space.* (3 hours).

Second semester, 9:00, M. W. F. A continuation of the study of determinants and analytics of space through quadratics. Prerequisite: Mathematics 331.—Mr. Shutts.

MUSIC

State Requirements for Teachers in the field of Music:

MUSIC	24 Semester Hours
Theory	6
Music 101	
Music 225	
Music 250	
Music 411	
Music 412	

Applied Music	9
Music 420 Music 421 Music 422 Music 423 Music 425 Music 426 Music 427 Music 428 Music 260 Music 263	
Appreciation	3
Music 301, 302, 305	
Conducting	6
Music 304, 403 Music 408	

MUSIC

Mary B. Price, Ruth Staley, John T. Evans

The courses in Music required in curricula for the preparation of teachers in the Primary and Intermediate grades, Junior High and Rural Schools, are listed as Music 101, 201 and 305. These courses must be taken in consecutive order unless special arrangements are made with instructors.

Students who desire to elect Music as one of their teaching fields will follow the requirements for the preparation of Music Majors or Minors for a certificate which requires a minimum of 24 semester hours. Such student in this field must consult the head of the music department before launching his schedule at the beginning of his first year.

MUSIC 101. *Elementary Music.* (2 hours).

Offered during each semester and summer term. This course deals with rudiments of music and includes a study of the terminology of music, scale building, rhythm problems and the use of syllables in sight singing. Required of all students taking the curricula for Elementary Grades, Junior High, Rural Schools, and all Music Majors and Minors.—Miss Staley.

MUSIC 150. *Orchestra.* (1 hour).

Offered during first and second semesters of each school year. The school maintains an orchestra which rehearses twice a week. Students who play orchestral instruments are urged to contact the director. All Music Majors and Minors will be required to observe and participate in this organization by assignment from the head of the department.—Mr. Evans.

MUSIC 160. *Band.* (1 hour).

Offered during first and second semesters of each school year. The band is divided into two units; the concert band which is open to men and women and the marching band for men only. The band is uniformed and plays for games and other student activities, as well as community parades, etc. It rehearses regularly with time given to all types of band music. All men and women students who choose music as a Major or Minor are urged to participate in this organization.

MUSIC 201. *Music Methods for Grades 1 to 6.* (2 hours).

Offered each semester and summer term. Required of all students taking the curricula for Primary and Intermediate grades. Junior High and Rural Schools, and Music Majors and Minors. Materials and Methods for dealing with the child voice and a comparative study of the various phases of music in the public schools, will be the basis for this course. Prerequisite: Music 101.—Miss Price.

MUSIC 212. *Principles and Methods of Teaching Music.* (2 hours).

This course is designed for special teachers of music and is more detailed in technicalities than is Music 201. Required of all Music Majors and Minors.—Miss Price.

MUSIC 225. *Ear Training.* (3 hours).

A study of tone and rhythm applied to elementary harmony and melody writing, gaining power to recognize, visualize, sing and write melodic phrases in all keys.—Miss Staley.

MUSIC 250. *Sight Singing.* (2 hours).

This course requires facility in reading at sight part songs, standard choruses, anthems, chants, etc. Prerequisites: Music 101 and 225.—Miss Price.

MUSIC 301. *Music Appreciation.* (3 hours).

This course is designed to broaden the student's knowledge of music and to become familiar with the best music included on concert and radio programs. The presentation stresses the development of folk music as a basis of all music and as types of musical literature—thus providing a broader and more cultural understanding of music as an art. Required of all Music Majors and Minors, and may be elected by any college student without a prerequisite. However, it is to the student's advantage to have some musical background.—Miss Price.

MUSIC 302. *Music History.* (3 hours).

A general survey of musical history extending from prehistoric man to the present time. The progressive development of music down through the ages is traced and the style and works of the outstanding musicians studied with recorded illustrations. Required of Music Majors and Minors.—Miss Staley.

MUSIC 304. *Orchestral Materials and Conducting Methods.* (2 hours).

Principles and methods of conducting with much practical experience in handling the baton. Selection of music for instrumental groups, conducting and management. Required of Music Majors and Minors.—Mr. Evans.

MUSIC 305. *Music Appreciation for Elementary Teachers.* (2 hours).

Offered each semester and summer term. This course is required of all students pursuing the curricula for Elementary grades, Junior High and Rural Schools, and Music Majors and Minors. Proper attention will be given to the presentation of material through all the Elementary grades. Emphasis is placed upon the use of material to give children a richer background of rhythmic experiences and a background which will enable them to develop a love for good music. Prerequisites: Music 101 and 201.—Miss Price.

MUSIC 350. *Chorus.* (1 hour).

Offered each semester. A group of students who enjoy singing, make up the mixed group known as the College Choristers, singing standard part songs. Special programs for chapel and broadcasting are presented throughout the year. Open to all students.—Miss Staley.

MUSIC 351. *Girls' Choral Club.* (1 hour).

Offered each semester. Each year a limited number of girls are selected after tryouts and make up this organization. The club sings the best part songs for women's voices and presents programs for various occasions throughout the year—Miss Price.

MUSIC 352. *Men's Glee Club.* (1 hour).

Offered each semester. A limited number of men will be selected, after tryouts, to form this organization. The club will study part songs and present programs for various occasions throughout the year. Music 101 and 350 are recommended as prerequisites to men who do not read music.—Mr. Evans.

MUSIC 403. *Conducting.* (2 hours).

The routine and technique of choral conducting, the study of the organization and administration of choral work, selecting of material, seating of chorus, preparation for rehearsal, training of accompanist. Each member of the class will have frequent practice in conducting choral selections and playing the piano accompaniments. Prerequisite: Music 304.—Miss Price.

MUSIC 408. *Orchestral Materials and Conducting.* (2 hours).

Advanced principles and methods of conducting with much practical experience in handling the baton, and conducting instrumental groups assigned by instructor—band, orchestra, etc. Prerequisites: Music 304 and 403, and required of all Music Majors and Minors.—Mr. Evans.

MUSIC 411. *Beginning Harmony.* (3 hours).

Admission to this course requires a working knowledge of the rudiments of music. A study is made of the nature and application of the triads, dissonant harmony and remote modulation with special emphasis placed on original composition. Prerequisites: Music 101, 225 and 250.—Miss Staley.

MUSIC 412. *Harmony.* (3 hours).

A continuation of Music 411. A study is made of all the forms of dissonant harmony, the principles governing the uses of chromatic harmony, and remote modulation with special emphasis placed on original composition. Prerequisite: Music 411.—Miss Staley.

MUSIC 430. *Materials and Methods of Teaching Piano.* (1 hour).

A course for students who have some background in the study of piano and are interested in teaching. Consideration of modern piano methods, correct habits of study and performance, selection and organization of materials. Analysis and solutions of individual problems. Lectures and illustrations in technique, sight reading, memorizing and the adult beginner. Some practical observations of actual teaching of pupils will be made as often as it is practicable.—Mr. Evans.

MUSIC EDUCATION 431. *Teaching of Music in the Junior and Senior High School.* (2 hours).

A study is made of all the problems involved in the teaching of music subjects and the organizing of choruses, glee clubs, orchestra, and bands in the high schools. Selection, preparation, and presentation of all types of music programs and entertainment.—Miss Price.

INSTRUMENTAL MUSIC

MUSIC 234. *Class Instruction in Piano.* (1 hour).

This is a course for beginners in piano and also recommended to students preparing to teach piano. The course will start with the fundamentals of piano playing and go as far as possible in one semester. The class will meet two hours each week and the student is expected to practice at least five hours a week in addition to the lesson period.—Miss Staley.

MUSIC 260-263. *Instruments of Band and Orchestra.* (1 hour).

This course is for beginners on band and orchestra instruments and is open to any student who would like to learn to play. All Music Majors and Minors are required to take this course.—Mr. Evans.

APPLIED MUSIC

All Music Majors and Minors are required to complete a minimum credit of nine hours in Applied Music including Vocal, Piano and other Instruments. A special fee is charged for applied music.

MUSIC 420-423. *Voice.* (1 hour). Periods to be arranged.

A student majoring or minoring in music must apply, toward his degree, credit of not less than three hours in this course. The student takes one private lesson (1 hour period) each week. He is expected to practice and study at least six hours a week. —Miss Price.

MUSIC 425-428. *Piano.* (1 hour). Periods to be arranged.

A student majoring or minoring in music must apply, toward his degree, credit of not less than three hours in this course. The student takes one private lesson (1 hour period) each week. He is expected to practice and study as directed by the instructor.—Mr. Evans.

PHYSICAL SCIENCE

Mr. Rogers, Mr. Haught, Dr. Ward and Assistants

State Requirements for Teachers in the field of Physical Science:

PHYSICAL SCIENCE	24 Sem. Hrs.
Suggested Courses	Minimum Required
Chemistry	12
General Chemistry Inorganic Chemistry Qualitative Analysis Organic Chemistry Food Analysis of Dairy Chemistry	
Physics	8
General Physics Radio Telegraphy and Telephony Photography Light Mechanics Heat Electricity Modern Physics	
Electives (Unrestricted)	4
Sound	

Physics 101, General Physics	3 Hours	Required
Physics 102, General Physics Lab.	1 Hour	Required
Physics 103, General Physics 3 Lab.	3 Hours	Required
Physics 104, General Physics Lab.	1 Hour	Required
Physics 301, Light and Electricity	3 Hours	Elective
Physics 302, Light and Electricity Lab.	1 Hour	Elective
Physics 401, Physical Chemical Measurements Lab.	2 Hours	Elective
Physics 402, Photography	2 Hours	Elective

PHYSICAL SCIENCE

General Physical Science 201	3 Hours
General Physical Science 202	3 Hours

PHYSICS

Mr. Haught

All courses offered in Physics are recommended for students taking Chemistry and Physics as teaching subjects.

No person is considered officially enrolled in any laboratory course in Physics until he has paid the fee stated in the description of the course.

PHYSICS 101. *General Physics.* (3 hours).

First semester, 10:00, M. W. F. It is the aim of this course to familiarize the students with many of the facts and laws of mechanics, meteorology, and heat, as well as to train in the methods of science and scientific thinking.

PHYSICS 102. *Laboratory.* (1 hour).

First semester, 1:00 to 3:00, T. or Th. This is a laboratory course to accompany Physics 101. The course consists of the performance of 12 to 15 experiments in the field of mechanics and heat. Fee, $2.00.

PHYSICS 103. *General Physics.* (3 hours).

Second semester, 10:00, M. W. F. A study of the phenomena and laws of sound, light, magnetism and electricity. Prerequisites: Physics 101 and 102.

PHYSICS 104. *Laboratory.* (1 hour).

Second semester, 1:00 to 3:00, T. or Th. A laboratory course to accompany Physics 103 with same general requirements as Physics 102. Fee, $2.00.

PHYSICS 301. *Advanced Light and Electricity.* (3 hours).

First semester, M. W. F. The first part of the course deals with the principles of optics, photography and the modern theories of light. The second half is a more advanced study of the properties and measurements of electric currents than was made in Physics 103.

PHYSICS 302. *Laboratory.* (1 hour).

First semester, 1:00 to 4:00, T. or Th. This is a laboratory course designed to accompany Physics 301. The course includes training in the use of optical instruments and the performance of several experiments in electricity. Fee, $3.00.

PHYSICS 401. *Physical Chemical Measurements.* (2 hours).

Second semester, 1:00 to 4:00, W. F.. This course consists of the performance of a number of experiments applying physical methods to the field of Chemistry. Prerequisites: Physics 101, 102, 103, 104; Chemistry 101, 102, or Chemistry 103, 104. Fee, $3.00.

Physics 402. *Photography.* (2 hours).

Second semester, T., 9:00 and Laboratory M., 1:00-3:00. Prerequisites: Physics 101, 102, 103, 104. Fee, $3.00.

PHYSICAL SCIENCE

The following courses are offered to meet the physical science requirements for the Standard Normal Certificate or for the first class Collegiate Elementary Certificate.

General Physical Science 201. (3 hours).

First semester, Tues. D. P., 9:00; Th., 10:00. An introductory course in physical science which aims to present a scientific background and inspire greater appreciation and intelligent understanding of man's physical environment. The course is non-technical and deals with practical and everyday applications of fundamental physical science principles in mechanics, light, heat, sound and electricity. Elementary concepts of astronomy, meteorology and geology are developed.—Mr. Haught or Mr. Rogers.

General Physical Science 202. (3 hours).

Second semester, Tues. D. P., 10:00; Th., 11:00. In this course fundamental principles of science are applied to such practical subjects as water, sanitation, textiles, nutrition, antiseptics, dyes, plastics, fuels, explosives, cement, ceramics, metals and alloys.—Mr. Rogers or Mr. Haught.

SOCIAL SCIENCES

High School Certificates

General Requirements	12 Semester Hours

(At least one course in each of three subjects or fields must be taken).

History 101, 102, 103, 104, 203, 205, 221, 222, 302, 401, 402, 403, 410, 460.
Political Science 103, 203, 302, 305, 401.
Sociology 120, 201, 220, 350, 360, 410.
Economics 101, 202, 301, 302, 303, 304.
Geography 101, 204, 305.

Social Studies	24 Semester Hours
History	14 Semester Hours

European History, four hours or more from History 101, 102, 221, 222, 402, 460.

American History, six hours or more from History 103, 104, 203, 205, 304, 305, 401, 403, 410, 460.

West Virginia History, two hours or more from History 302.

Political Science, two hours or more from Political Science 103, and from electives 203, 302, 305, 401.

Economics, two hours or more from Economics 101 and from electives 203, 301, 302, 303, 304.

Sociology, two hours or more from Sociology 120 and from electives 201, 220, 305, 360, 410.

Geography, two hours or more from Geography 101 and from electives 204, 305.

Elementary Certificates

Social Studies	18 Semester Hours
History 103, 104	6 hours
History 302	3 hours
Economics 101	3 hours
Sociology 120	3 hours
Geography 101	3 hours

Electives:

History 101, 102, 203, 205, 221, 222, 304, 305, 401, 403, 410, 460.
Political Science 103, 203, 302, 305, 401.
Economics 202, 301, 302, 303, 304.
Sociology 201, 220, 305, 360, 401.
Geography 204, 305.

SOCIAL SCIENCES

Accounting, Economics, Geography, History, Political Science, and Sociology

Mr. Pence, Miss Crystal, Dr. Lindley, Mr. Lively, Miss Prichard, Dr. Ward, Dr. Platt

ACCOUNTING

ACCOUNTING 201. *Principles of Accounting.* (3 hours).

First semester. The principles and practices involved in the interpretation of commercial and industrial accounts.—Mr. Pence.

ACCOUNTING 202. *Principles of Accounting II.* (3 hours).

Second semester. Continuation of Accounting 201.

ECONOMICS

Economics 103. *Problems of Economics.* (3 hours).

First and second semesters. Survey of major American economic problems; labor problems and legislation; government regulation of business; taxation; the farm problem. Collateral readings in Government Publications.—Dr. Platt.

Economics 204. *Principles of Economics.* (3 hours).

Second semester. The abstract analysis of economic life to discover the laws regulating production, prices, and distribution. Introduction to Money and Banking. Recommended for students expecting to continue work in Economics.—Dr. Platt.

Economics 301. *Current Economic Problems.* (3 hours).

First semester. Regulation of monopoly, consumer problems, agricultural problems; comparative study of economic doctrines of Capitalism, Fascism, and so forth.—Dr. Platt.

Economics 302. *Labor and Industrial Problems.* (3 hours).

Second semester. Wages, hours, unemployment, history and functioning of labor unions, labor and the courts, work of federal administrative boards.—Dr. Platt.

Economics 304. *Marketing.* (3 hours).

First semester. Marketing policies of manufacturers and wholesalers, sales management, price policies, advertising, chain store laws, retail marketing.—Dr. Platt.

Economics 303. *Money and Banking.* (3 hours).

Second semester. Principles of banking instruments of credit; Federal reserve system; banking systems in foreign countries.

GEOGRAPHY

Geography 101. *Principles of Geography.* (3 hours).

Two sections each semester. This course deals with the earth in its relation to the other bodies in our solar system, and to cause and effect of the changes in the earth, atmospheres, and surface.—Dr. Ward.

Geography 204. *Economic Geography.* (3 hours).

Second semester. Study of major economic production of the countries of the world with emphasis on factors determining geographical location of manufacturing, agriculture, industry, mining trade centers.—Dr. Platt.

GEOGRAPHY 305. *World Geography.* (3 hours).

First semester. Location of states and possessions. National interests and their geographical development. Particular study of the Versailles Settlement and current boundary revisions in Europe and Asia. Study of economic life and political structure of major nations.—Dr. Platt.

HISTORY

HISTORY 101. *World Civilization.* (3 hours).

First semester. Part I. Ancient and Medieval political systems and cultures.—Dr. Lindley.

HISTORY 102. *World Civilization.* (3 hours).

Second semester. Part II. The rise of national cultures and the nineteenth and twentieth centuries.—Dr. Lindley.

HISTORY 103. *A Survey of the United States History.* (3 hours).

First semester, 4 sections. The background of modern America 1492-1850. A survey of the political, social, economic and cultural forces and occurrences of the United States in their world setting. Considerable stress is placed on the origin and development of the Constitution.—Miss Crystal, Miss Prichard, Dr. Lindley.

HISTORY 104. *A Survey of the United States History.* (3 hours).

Second semester, 4 sections. A continuation of 103. The emergency and problems of modern America, 1850 to the present time.—Miss Crystal, Miss Prichard, Dr. Lindley.

HISTORY 203. *Economic and Social History of the United States.* (3 hours).

First semester. The main trends in the development of American economic and social life, the mind and character of the American people as revealed in their daily life, their institutions, and relationships; the development of agriculture, industry, trade, etc.—Miss Crystal.

HISTORY 205. *Current Affairs.* (1 or 2 hours).

Both semesters. Contemporary affairs in their world setting.—Miss Crystal.

HISTORY 206. *Representative America.* (3 hours).

Second semester. A biographical approach to national history by the student of 40 or 50 significant and pivotal personalities in the field of politics, business, education, etc.—Miss Crystal.

HISTORY 221. *Modern Europe.* (3 hours).

First semester. Part I, early modern culture. The reformation and the rise of national state systems. The economic revolution.—Dr. Lindley.

HISTORY 222. *Modern Europe.* (3 hours).

Second semester. Part II, the French Revolution, democracy and nationalism, the World War and its aftermath.—Dr. Lindley.

HISTORY 302. *History of West Virginia.* (3 hours).

Both semesters. The aim of this course is to trace the history of West Virginia in its relation to the development of the federal union and the region of which it is a part. Special emphasis is given to the integrating of the geography and government with the history.—Mr. Pence.

HISTORY 304. *United States and Latin America.* (3 hours).

Second semester. A study of the United States in relation to Latin American affairs. The introductory portion is a brief study of the settlement, development and present status of the Central and South American republics. The emphasis is on the United States-Latin American relations from the Monroe Doctrine to the New Deal Good Neighbor Policy.—Miss Crystal.

HISTORY 305. *History of the United States Foreign Policy.* (3 hours).

First semester. A survey of the foreign policy of the United States to the present time. Special attention is given to European relations, diplomacy in the Far East, diplomatic relations leading to the World War, the problems of the post war period.—Miss Crystal.

HISTORY 306. *History of Latin America.* (3 hours).

First semester. A survey of the history of Latin America from the conquest to the present.—Dr. Lindley.

HISTORY 307. *English History.* (2 hours).

First semester. Part I. England to the Glorious Revolution.—Dr. Lindley.

HISTORY 308. *English History.* (2 hours).

Second semester. Part II. England from the Glorious Revolution to the present.—Dr. Lindley.

HISTORY 309. *History of Western Culture.* (3 hours).

First semester. Part 1. A study of the prevailing political, social, philosophical, religious and other cultural ideas and systems from the beginning of history to the Middle Ages.—Dr. Lindley.

HISTORY 310. *History of Western Culture.* (2 hours).

Second semester. Part II. The same continued to our own time.—Dr. Lindley.

HISTORY 400. *American Colonial History.* (3 hours).

First semester. A study of the European Background of American History and the political, social and economic developments of the American people through the Revolutionary War.—Miss Crystal.

HISTORY 401. *Recent History of the United States.* (3 hours).

Second semester. From the Civil War to the World War. A study of congressional reconstruction, diplomatic and political development, the passing of the frontier, financial and economic readjustment, the Populist Movement, free silver, government regulation of business, Theodore Roosevelt and the Progressive Movement.—Miss Crystal.

HISTORY 402. *Contemporary Europe.* (2 hours).

Both semesters. Europe since the World War. The contemporary scene.—Dr. Lindley.

HISTORY 403. *Development of Democracy.* (3 hours).

First semester. A detailed study of the United States history in 1840, with special emphasis on the origin and development of the Federal Constitution and Jeffersonian and Jacksonian Democracy.—Miss Crystal.

HISTORY 406. *United States and the Second World War.*

A study of the background and development of the present world conflict.—Miss Crystal.

HISTORY 410. *United States Since the World War.* (3 hours).

Second semester. This course is introduced by a study of Woodrow Wilson and the World War. The main course is an intensive study of the United States since 1918 as an historical background to present day problems.—Miss Crystal.

History 460. *Honor Course in History.* (2-3 hours).

Territorial course in history open only to senior students with a "B" average.—Miss Crystal.

POLITICAL SCIENCE

Political Science 103. *American Federal System.* (3 hours).

Both semesters, 2 sections. A survey of American government, national, state and local.—Mr. Pence.

Political Science 203. *Comparative Government.* (3 hours).

Second semester. A comparative study of the world's leading governments with special attention to their backgrounds, forms and practices.—Mr. Pence.

Political Science 302. *American Constitutional System.* (3 hours).

A study of the constitutional basis of the American governmental system together with its interpretations and modifications. For juniors and seniors.—Mr. Pence.

SOCIAL STUDIES

Social Studies 101. *The Development of Social Institutions.*

This course is an interpretation of European and American history in terms of the development of institutions. It will deal in part with the rise of the national state, the evolution of political democracy, the coming of our capitalist economy, imperialism and international conflict, the ideological patterns of the present era and the problems of the present war.

Social Studies 102. *The Development of Social Institutions.*

This will be simply the last half of the course described above.

Social Studies 201. *Survey of Social Institutions and Problems.*

This course will consider outstanding social, economic and political institutions and problems of the contemporary world such as: The Family, Crime, Social Control, Labor Organization, Economic Insecurity, Political Parties, The Democratic Process.

Social Studies 202. *Survey of Social Institutions and Problems.*

Second semester continuation of Social Studies 201.

SOCIOLOGY

Sociology 120. *Introduction to Sociology.* (3 hours).

Two sections each semester. This course is designed to give the student an intelligent understanding and a working system of thought about society and social origins, and a development of institutions such as government, religion, property, education, and social control from earliest times. Required of Social Science majors and prerequisite to other courses in Sociology. —Mr. Lively.

Sociology 201. *Rural Sociology.* (3 hours).

Section each semester. This course discusses the rural, social and economic problems growing out of such topics as good roads, farm organizations, social life, recreation, isolation, religious life, education, with suggestions for their solution. Emphasis is placed upon educational agencies.—Mr. Lively.

Sociology 220. *Human Culture and Social Values.* (3 hours).

First semester. This course attempts to identify and relate in an understanding way the processes through which our cultural values have developed.—Mr. Lively.

Sociology 350. *Crime and Its Prevention.* (3 hours).

First semester. A study of the history and causes of crime, theories of punishment, modern prison systems and modern methods of dealing with the criminal. Prerequisite: Sociology 120.—Mr. Lively.

Socioligy 360. *Social Problems of Industry.* (3 hours).

Second semester. This course is designed to give a clear understanding of the problems arising from systems of employment and labor, and the social obligations of society as a whole in adjusting living conditions so that those involved may enjoy a greater degree of happiness. Mr. Lively.

Sociology 410. *The Family.* (3 hours).

Second semester. This course begins with an attempt to understand the origin of the family life from primitive to modern times, and especially deals with the relation of family life to society in general. Prerequisite: Sociology 120.—Mr. Lively.

ENROLLMENT OF RESIDENT STUDENTS BY COUNTIES

FOR 1942-1943 INCLUDING FIRST AND SECOND SUMMER TERMS 1942

Marion	478	Hampshire	1
Harrison	129	Hardy	1
Monongalia	53	Boone	1
Preston	52	Mason	1
Taylor	50	McDowell	1
Marshall	19	Pendleton	1
Wetzel	17	Summers	1
Barbour	11	Upshur	1
Tucker	11	Wayne	1
Kanawha	10	Webster	1
Grant	7	Wyoming	1
Lewis	7	Out of State:	
Mineral	6	Arkansas	1
Wood	5	Connecticut	1
Hancock	4	District of Columbia	5
Braxton	3	Indiana	1
Nicholas	3	Ohio	10
Ohio	3	Kansas	1
Randolph	3	Kentucky	2
Berkeley	2	Massachusetts	3
Doddridge	2	Maryland	14
Gilmer	2	North Carolina	2
Mercer	2	New York	4
Mingo	2	New Jersey	4
Pocahontas	2	Pennsylvania	11
Raleigh	2	Tennessee	2
Ritchie	2	Virginia	17
Calhoun	1		
Greenbrier	1	Total	978

SUMMARY OF ENROLLMENT FOR 1942-43

INCLUDING FIRST AND SECOND SUMMER TERMS of 1942

Resident Students

	Men	Women	Total
Special Students	19	81	100
Seniors	51	183	234
Juniors	43	150	193
Sophomores	49	66	115
Freshmen	67	128	195
Civil Aeronautics Authority Students	141	——	141
Total	370	608	978

STUDENTS WHO RECEIVED THE A. B. DEGREE IN EDUCATION IN 1942

Name	Address	County
Anderson, Charles Thomas	220 Kelley Place, Fairmont, W. Va.	Marion
Bailes, Keith W.	118 Holland Ave., Morgantown	Monongalia
Baker, Edythe Blanche	Route 4, Fairmont, W. Va.	Marion
Ballard, Gladys	Littleton, W. Va.	Wetzel
Baliker, Nellie Rozella	Morgantown, W. Va.	Monongalia
Barbee, Betty Virginia	Westchester, Fairmont, W. Va.	Marion
Bartlett, Virginia F.	821½ Coleman Ave., Fairmont, W. Va.	Marion
Bent, Ruth Virginia	146 Austin Ave., Clarksburg, W. Va.	Harrison
Bodola, Anthony	Rivesville, W. Va.	Marion
Bodzek, Mitchell S.	Ida May, W. Va.	Marion
Bolyard, Mary Kathryn	1210 Locust Ave., Fairmont, W. Va.	Marion
Boswell, Luella Flora	Leon, W. Va.	Mason
Bowen, Norma Sue	308 Walnut Ave., Fairmont, W. Va.	Marion
Boyce, Arnold Wayne	Route 4, Fairmont, W. Va.	Marion
Bracey, Ruth Almeda	145 Euclid Ave., Clarksburg, W. Va.	Harrison
Bradley, Katherine Louise	Littleton, W. Va.	Wetzel
Brown, Martha Virginia	Route 2, Grafton, W. Va.	Taylor
Caputo, Orsola Mary	73 Maloy Court, Shinnston, W. Va.	Harrison
Colebank, Ida Louise	Enterprise, W. Va.	Harrison
Cook, Anna Marie	712 Mt. Vernon Ave., Fairmont, W. Va.	Marion
Cotter, Lucille L.	Forrest Hills, Fairmont, W. Va.	Marion
Cottrill, Dennis Forest	Ida May, W. Va.	Marion
Crawford, Dorothy Jean	Catawba, W. Va.	Marion
Davis, Glenda Gaile	520 Elmina St., Morgantown, W. Va.	Monongalia
Davis, Marilynn Jean	Core, W. Va.	Monongalia
DePollo, Joe	Thomas, W. Va.	Tucker
DeWitt, George L.	Manheim, W. Va.	Preston
DiBacco, Philomena C.	Thomas, W. Va.	Tucker
Dilgard, William A.	Barrackville, W. Va.	Marion
Drainer, Barbara Adeline	Route 2, Grafton, W. Va.	Taylor
Drummond, Nellie Pearl	R.F.D. 3, Box 210, Clarksburg, W. Va.	Harrison
Durr, Ann	Kingwood, W. Va.	Preston
Enoch, Ellis Loring	Wyatt, W. Va.	Harrison
Evarts, Grace M.	Chester, W. Va.	Hancock
Faust, Alice Parker	1286 Lowell St., Fairmont, W. Va.	Marion
Fleming, Doris	Beverly Hills, Fairmont, W. Va.	Marion
Forman, Mary Catharine	809 Monongalia Ave., Morgantown	Monongalia
Funk, Lelah Delle	Tunnelton, W. Va.	Preston
Funk, Susan Peaslee	Rowlesburg, W. Va.	Preston
Glover, Cleta Rozella	Grafton, W. Va.	Taylor
Glover, Wilma Madeline	Glover Gap, W. Va.	Marion
Goodwin, William Howard	Thornton, W. Va.	Taylor
Graham, Mary Ruth	626 Benoni Ave., Fairmont, W. Va.	Marion
Grake, Dominick James	Shinnston, W. Va.	Harrison
Hall, Belle Protzman	1353 College Ave., Morgantown	Monongalia
Hamrick, Lettie B.	Webster Springs, W. Va.	Webster
Harden, Florence Evelyn	814 Emerson St., Fairmont, W. Va.	Marion
Harden, Sarah Frances	417 Kentucky Ave., Fairmont, W. Va.	Marion
Harr, Rebecca Mary	Ronceverte, W. Va.	Greenbrier
Harrison, Lillian May	Burlington, W. Va.	Mineral
Hayes, Gerald Warren	Route 2, Box 13, Mannington, W. Va.	Marion
Heflin, Lois Vivaneen	628 Maryland Ave., Fairmont, W. Va.	Marion

Name	Address	County
Heiskell, Flota Leotha	Reedsville, W. Va.	Preston
Hill, Betty Louise	Route 3, Fairmont, W. Va.	Marion
Hovatter, Elbert	Thornton, W. Va.	Taylor
Hunsaker, Ruth Virginia	Kingmont, W. Va.	Marion
Hurd, Shirley Elizabeth	765 Speedway, Fairmont, W. Va.	Marion
Hunt, Ruth Irene	Burton, W. Va.	Wetzel
Hustead, Opal Katherine	Clarksburg, W. Va.	Harrison
Jacobs, Jeanette Mary	212 Dearborn St., Fairmont, W. Va.	Marion
Jamison, Elizabeth Eleanor	9 West 1st St., Morgantown, W. Va.	Monongalia
Jaynes, Scott M., Jr.	1313 Speedway, Fairmont, W. Va.	Marion
Jefferson, George Robert	Route 4, Box 117, Fairmont, W. Va.	Marion
Jenkins, Bruce G.	Morgantown, W. Va.	Monongalia
Johnston, Cecile Florence	Hundred, W. Va.	Wetzel
Jones, Eugene Orr	Box 602, Enterprise, W. Va.	Harrison
Kelly, Alonzo Ray, Jr.	Farmington, W. Va.	Marion
Kendall, Lawrence Wayne	Mannington, W. Va.	Marion
Laughlin, George N.	82 Station St., Shinnston, W. Va.	Harrison
Lawson, Alice Virginia	1206 Locust Ave., Fairmont, W. Va.	Marion
LeVelle, Mary Alice	1019 Carleton St., Fairmont, W. Va.	Marion
Loughrie, Mary Evelyn	Rowlesburg, W. Va.	Preston
Ludden, Lillian Sarah	Thomas, W. Va.	Tucker
Mahan, Susan Alice	Shinnston, W. Va.	Harrison
Mamish, Frances Eleanor	Box 332, Davis, W. Va.	Tucker
Manley, Mary Evelyn	525 Coleman Ave., Fairmont, W. Va.	Marion
McCally, Beatrice Ann	Chester, W. Va.	Hancock
McConnell, Earl Wayne	Mannington, W. Va.	Marion
McIntyre, Ruth Lane	Hepzibah, W. Va.	Harrison
McKenzie, Bondolyn	Matewan, W. Va.	Mingo
Miller, Carl Stanley	Route 4, Fairmont, W. Va.	Marion
Morgan, Bertha Leora	Bristol, W. Va.	Harrison
Morgan, Betty Louise	805 Pittsburgh Ave., Fairmont, W. Va.	Marion
Mouser, Helen	Enterprise, W. Va.	Harrison
Myers, Clearcy Ellen	Route 2, Box 35, Shinnston, W. Va.	Harrison
Osco, Julia	Box 75, Monongah, W. Va.	Marion
Peterson, Gertrude	Route 3, Weston, W. Va.	Lewis
Poling, Virginia Lee	Belington, W. Va.	Barbour
Powers, Mary Janet	205 Columbia St., Fairmont, W. Va.	Marion
Radford, Braxie	Shinnston, W. Va.	Harrison
Ream, Violet Daniels	119 Lorentz Ave., Morgantown	Monongalia
Rhodes, Christine Young	372 Hickman St., Clarksburg, W. Va.	Harrison
Rider, William Robert	Rivesville, W. Va.	Marion
Riley, Mildred Elizabeth	Shinnston, W. Va.	Harrison
Robey, Esther	1124 Bryant St., Fairmont, W. Va.	Marion
Robey, Robert Bruce	801 View Ave., Fairmont, W. Va.	Marion
Robinson, Beryl Eva	Pine Grove, W. Va.	Wetzel
Rogers, Louise	Independence, W. Va.	Preston
Sample, Eleanor Hughes	Cameron, W. Va.	Marshall
Sanders, Zana Virginia	Farmington, W. Va.	Marion
Scott, Mary Louise	512 Walnut Ave., Fairmont, W. Va.	Marion
Shafer, Mary Elizabeth	345 Walnut St., Grafton, W. Va.	Taylor
Shahan, Nettie Kerns	Route 21, Morgantown, W. Va.	Monongalia
Shanaberger, Ruth Eileen	Carolina, W. Va.	Marion
Shane, Grace	Fairview, W. Va.	Marion
Shuman, Mabel Lorraine	Fairview, W. Va.	Marion
Six, Edna May	Route 4, Fairmont, W. Va.	Marion
Slider, Marian Maxine	163 Main St., Kingwood, W. Va.	Preston

Name	Address	County
Stanley, Eleanor Marie	Route 4, Fairmont, W. Va.	Marion
Stealey, Helen Louise	601 Milford St., Clarksburg, W. Va.	Harrison
Stevens, Merceline Ervin	106 Edison St., Nutter Fort, W. Va.	Harrison
Strippy, Charles Wesley	613 Ohio Ave., Fairmont, W. Va.	Marion
Stuart, Troy Opie	Lumberport, W. Va.	Harrison
Stullenbarger, Bertha N.	Keyser, W. Va.	Mineral
Sturm, Ella P.	Shinnston, W. Va.	Harrison
Sturm, Nelma Jeanette	Mannington, W. Va.	Marion
Suite, Howard Edgar	Ellenboro, W. Va.	Ohio
Swearingen, Ruth J.	Route 4, Fairmont, W. Va.	Marion
Swiger, K. Wayne	Wilsonburg, W. Va.	Harrison
Tennant, Byron R.	Rivesville, W. Va.	Marion
Tatta, John D.	405 Robinson St., Fairmont, W. Va.	Marion
Thomas, Vivian Olwen	318 Pearl St., Grafton, W. Va.	Taylor
Thompson, Jean E.	Hundred, W. Va.	Wetzel
Toothman, Hershel Richard	Mannington, W. Va.	Marion
Traylor, Lucille Vaiden	Orlando, W. Va.	Braxton
Varner, Donald R.	1023 Bryant St., Fairmont, W. Va.	Marion
Victor, John T.	Barrackville, W. Va.	Marion
Wallace, Aldred Pruden	1012 Locust Ave., Fairmont, W. Va.	Marion
Walls, Leonard	Fairview, W. Va.	Marion
Welch, Katharine Anglen	221 Washington Ave., Clarksburg	Harrison
White, Helen Eythel	Lumberport, W. Va.	Harrison
Wildman, Harvey Eugene	900 Emerson St., Fairmont, W. Va.	Marion
Wilson, Pearle	Harrisville, W. Va.	Ritchie
Wolfe, Martha Carolyn	615 Market St., Fairmont, W. Va.	Marion
Wood, Richard Stanley	Worthington, W. Va.	Marion
Yost, Virginia Eastman	Pruntytown, W. Va.	Taylor

37 Men
99 Women

(In case of error in this catalog, the college retains the right to make necessary corrections. In case of any change ordered or recommended by our State Department of Education, the college retains the right to make those changes.)

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The State Board of Education has charge of all matters of purely scholastic nature concerning all the State educational institutions except the State University.

IMPORTANT NOTICE

"An Act providing for changes in the names of State Teachers Colleges and for an enlargement of their functions; provides that these colleges shall be known respectively as follows: Fairmont State College. . . . The function of these colleges shall continue to be the preparation of teachers and also the offering of such curricula in general and vocational education as the State Board of Education may direct or approve. They are authorized to grant the degrees of Bachelor of Arts and Bachelor of Science."

(The above is a quotation from House Bills Nos. 12 and 108.)

In keeping with the purposes of the legislative enactment referred to above, Fairmont State College has revised its courses of study and schedules so that work on the newly authorized phases of college education may be put into effect immediately. Curricula leading to the degrees of Bachelor of Arts and Bachelor of Science have already been formulated. Students entering Fairmont State College may start immediately upon any one of the new degrees prescribed by the above enactment.

CALENDAR 1944-1945

Faculty Meeting	September 11
First Semester Opens	September 12
Freshman Registration	September 12
Freshman Meeting (Auditorium 9:30)	September 12
General Registration	September 13
Y. W. C. A. Reception	September 12-14
Student Mix	September 30
Freshman Chapel	October 5
Freshman Dinner	October 6
Social Science Conference	October 13
Special Observance	November 11
State Educational Association	November 16-17
Thanksgiving Holidays Begin	November 22
School Resumes	November 27
Dad's Day	December 8
Christmas Holidays Begin	December 15
Schol Resumes	January 2
First Semester Ends	January 26
Second Semester Begins	January 29
Kappa Delta Pi Convention	February 25-26
Easter Holidays Begin	March 29
School Resumes	January 2
Student Body Inauguration and Ball	May 3
Special Observance	May 30
Commencement Activities	June 1-4
Commencement	June 4-5
Summer Term Begins	June 6

GENERAL INFORMATION

Fairmont State College, Fairmont, West Virginia, exists to prepare teachers. More especially, it exists to prepare teachers and supervisors for the elementary and high schools of central and northern West Virginia. It is not in any sense a competitor with the high schools of the state or with liberal arts colleges or other professional institutions; it has its own special field of endeavor and is satisfied to cultivate that field.

Fairmont sends out to most of the counties in West Virginia well-prepared and well-trained young men and women to teach and to supervise teaching in the cities, villages, and rural communities. The work of the college is thus affecting educational conditions all over the state.

Fairmont clearly recognizes the fact that the teachers college is the pivotal point of a public school system and is endeavoring to meet the responsibility consistent with that pivotal system. If the teachers college is ineffective, the entire school system suffers directly and seriously. The preparation and training of teachers is therefore an absolute essential to the success of a system of public education. Fairmont is glad to be considered a teachers college.

EXPENSES

Fairmont aims to provide adequate living and social conditions for all of its students. Rooms and meals may be had at Morrow Hall, which is the school dormitory for girls, at rates varying from $6.75 to $7.25 per week.

The school maintains a list of approved rooming places. Students are expected to live in these places unless they have special arrangements to live elswhere. Young men wanting rooms are expected to write Mr. John W. Pence, Dean of Men; young women waiting rooms in Morrow Hall or in town should write Miss Dorcas Prichard, Dean of Women. The rates for rooms in private homes vary from $8.00 to $10.00 per month.

There are several places near enough to the campus where students can stay and have their meals at Morrow Hall, and next to living in the Hall, this is the most inexpensive way.

Meals at Morrow Hall are $5.50 per week. We have places where students can have both room and meals. These same people can give meals to more people than they can give rooms. There are also several places where it is possible to do light housekeeping. This is the least expensive way to live, also the least desirable. It is not approved when not necessary.

For those students living at home all necessary expenses may be kept as low as $45.00 per semester. Actual expenses for tuition, board and room need not exceed $150.00 per semester. Certain small fees are charged for courses in the Department of Science. The fees are usually $2.00 per course. A fee of $3.00 is charged for gym outfits for women students.

The Fairmont State College is the most economical school for all young men and women living in the north-central section of West Virginia.

ENROLLMENT FEE

The enrollment fee for attendance at Fairmont is quite low and well within the reach of most young people who wish to attend college. This fee is thirty dollars ($30.00) per semester. Added to this fee are certain laboratory fees to cover cost of laboratory expenses.

RULES FOR REFUND OF FEES

Students withdrawing before the end of the first month of the semester may obtain a refund of one-half of fees paid; those withdrawing before the end of the second week may obtain a refund of three-fourths of fees paid. No part of fees may be refunded in case of withdrawal after the end of the first month of the session. Application for refunds must be made to the treasurer of the college at the time of the student's withdrawal.

SCHOLARSHIP LOAN FUND

Mary B. Price, Music Scholarships:

Miss Mary B. Price, head of the Music Department, gives a scholarship in voice training each year to one boy and one girl. This is a scholarship given to students who have had no previous vocal instruction. Auditions are held the first week of the fall semester.

LOAN FUNDS

Class of 1912 Fund:

The class of 1912 originated this fund with a sum of $100.00. Various organizations of the school have since contributed to this fund, which now totals approximately $250.00. The original purpose of the fund was to assist seniors of the Standard Normal Course. This fund is open to both men and women students.

President Rosier, Dorcas Prichard, dean of women, and John W. Pence, dean of men, constitute the committee in charge of the fund. Blanche Price, Bursar, is Secretary-Treasurer. Men students wishing to borrow from this should apply to Mr. Pence; women students to Miss Prichard.

The R. C. Jones Fund: Established in 1928.

Mr. R. C. Jones, of Fairmont, gave the college $100.00 to be used as a loan fund by boys and girls in good scholastic standing, but who cannot finish their course because of lack of funds. Security is required. There is a low interest charge.

Louise West Hite Loan Fund: Established in 1929.

Mrs. R. M. Hite gave the college $1,000.00 to be used as a loan fund to help women students complete their course. The fund was named the Louise West Hite Loan Fund in honor of the donor. Security is required. There is a low interest charge.

President Rosier, Dorcas Prichard, dean of women, and Mr. Frank S. White constitute the committee in charge of the fund. Katherine L. Thomas is Secretary-Treasurer. Students wishing to borrow from this fund should apply to Miss Prichard.

The Woman's Club Fund: Established in 1932.

The Woman's Club of Fairmont gave a fund of $60.00 to be loaned to students, especially interested in dramatics, which is to be used for tuition.

This fund is available each year to one man student and one woman student. Students wishing to borrow from this fund should apply to L. A. Wallman, head of the Department of Dramatics.

The American Association of University Women Fund: Established in 1935.

The Fairmont Branch of the American Association of University Women has given a fund to be added to for a period of five years. This fund is to be loaned to Junior and Senior college women. Students wishing to borrow from this fund must have a good character record, and an average of at least "B" for their first two years and be able to give good security.

The President of the College, the Dean of Women, and a member of the faculty who is a member of the Fairmont Branch of the American Association of University Women, constitute the committee in charge of the fund. Miss Ethel Ice is the Branch Representative on the Committee. There is a low interest charge. Students wishing to borrow from this fund should apply to the Dean of Women.

Women's Civic Organization Fund:

Three Women's Civic Organizations maintain funds from which they will lend money to students attending Fairmont State College who are in need of financial help. The organizations are:

The Major William Haymond Chapter, Daughters of the American Revolution.

The Col. Morgan Morgan Chapter, Daughters of the American Revolution.

The Fairmont Business and Professional Women's Club (this fund is the N. R. C. Morrow Fund in honor of Mrs. N. R. C. Morrow).

Students wishing to borrow from these funds should make inquiry through Miss Prichard. The three requisites for receiving loans from these funds are: good character, good scholastic standing and good security. There is a low interest charge.

The Frank C. Haymond Constitutional Prize:

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Attorney Frank C. Haymond, '06, has established an annual prize of $25.00. This prize is awarded to any regularly enrolled student who prepares the best paper relative to the general theme of "The Constitution". Papers are required to be from two thousand to thirty-five hundred words in length, and are due on or before April 15th in each school year.

The M. M. Neely Oration Contest:

Each year Governor M. M. Neely offers an award of fifty dollars ($50.00) to be given for excellence in oratory. This contest is open to all regularly enrolled students of the college. A faculty committee is in charge of this contest.

HEALTH SERVICE

All entering students are required to have a health examination. Appointments for this examination should be made with the Health Department at the time of registration. All other students are to report at certain scheduled times for health re-checks. Failure to comply with the above regulations, on the part of the student, will result in credits being held in the office of the Registrar until said regulations have been met.

A certificate from the Health Department stating that the student has complied with the above regulation must be presented by the student to his supervisor in Student Training before he will be assigned to his student teaching.

Facilities for rest during the day are available for students who wish to use them.

Two physicians and a registered nurse are available at certain stated times to examine and advise students in matters pertaining to their health.

FAIRMONT— THE CITY

Fairmont State College, as stated above, is located in Fairmont. Fairmont is a fine, modern, little city, extending a cordial welcome to the young men and women selecting Fairmont as their school. The motto of the city is "Fairmont is Friendly" and all Fairmont endeavors to put this motto in operation. Students will be glad to make the acquaintance of Fairmont.

Fairmont offers exceptional opportunities to students who want to observe and do directed teaching. Schools of practically all types of organization are available for use on the part of students. These types include rural, elementary, junior high, six year high, and senior high schools. All student participation in any of the above listed types of schools is done under careful and able supervision.

LIBRARY

Fairmont State College has a library of over 25,000 volumes under the competent supervision of librarians and assistants. The books have been selected with care, with special view of getting together a balanced collection of the best books in different fields of knowledge and literature and especially in the fields of education. There is an unusually strong collection of reference books and other reference materials including more than 6,000 pamphlets and clippings, over 3,000 bound volumes of magazines, over 7,000 bound volumes of West Virginia and United States documents, a course of study collection and a bibliography collection. The library also contains a collection of juvenile books for use of practice and supervisory teachers and children's literature classes, and a library of Information on National Defense and Related Problems.

Over one hundred and fifty periodicals of educational and general interest are received in the library. The library is also a depository of United States governmental documents, including a large number of publications of the United States Office of Education. The library rooms consist of a large reading room and stack room combined, a smaller reading room, two offices, one small workroom and one large workroom which is used for filing unbound periodicals, etc. These rooms are furnished with modern library equipment. Most of the library standards set by the American Association of Teachers Colleges have been met by Fairmont State College.

CO-CURRICULAR ACTIVITIES

Fairmont maintains a sane and constructive co-curricular program. The various clubs, fraternities, sororities, and other organizations guarantee to each student on opportunity for expression in these various fields. The athletic program at Fairmont is one of the sanest that can be found anywhere. Very early in the history of athletics Fairmont became known as one of the first schools to de-emphasize college athletics. At Fairmont the athletic program is operated upon the play level and is not a business venture.

ORGANIZATIONS

Student Body

This organization is made up of the entire Student Body, freshmen included. All officers are students and all business is conducted by students and student officers.

Student-Faculty Social Cabinet

The cabinet is composed, as its name suggests, of representative students and faculty members. The social program for the school year is arranged through the cabinet.

Student Council

The Council is the advisory board of the Student Body organization. Members are class presidents and representatives of other campus groups.

Inter-Fraternity Council

This is an advisory board for all fraternities and sororities. The council elects its own officers.

Class Organizations

All classes in the college are organized. Each class elects its own officers. Each class plans an interesting social program for the year.

HONORARY ORGANIZATIONS

Alpha Psi Omega

National honorary Dramatic Society
Adviser, Mr. Lawrence Wallman

Lambda Delta Lambda

National honorary Physical Science
Advisers, Mr. H. F. Rogers, Mr. C. D. Haught

Sigma Pi Rho

National honorary Latin Society
Adviser, Miss Elizabeth Terry

Lambda Alpha Sigma

Honorary Letterman Society
Adviser, Jasper Colebank

Kappa Delta Pi

National honorary Education Society
Adviser, (alternate members of Education Department)

Pi Gamma Mu

National honorary Social Science
Adviser, Miss Bessie K. Crystal

Pi Upsilon Phi

National honorary Journalism Society
Adviser, Miss Medora Mason

Nu Alpha Phi

National honorary French Society
Adviser, Miss Sara M. Watts

CLUBS

Tri V Latin Club, Adviser, Miss Elizabeth Terry.
Schubert Choral Club, Miss Mary B. Price, Adviser.
Home Economics Club, Adviser, Miss Eva D. Compton.
The Masquers, Adviser, Mr. L. A. Wallman.
Y. W. C. A., Adviser, Miss Edna I. Miller.
Y. M. C. A., Advisers, Dr. Paul F. Opp, Mr. Haddon S. Rhodes, Mr. Harold F. Rogers.
Physical Education, Majors and Minors, Advisers, Miss Mary White, Miss Ernestine Troemel.
Four-H Club, Adviser, Mr. Frank Hall.
Splashers Club, Adviser, Miss Lucille Fitz Gibbons

SOCIAL ORGANIZATIONS

Sororities

Gamma Chi Chi
Adviser, Blanche Price

Sigma Theta Rho
Adviser, Medora M. Mason

Alpha Delta Chi
Adviser, Eva D. Compton

Delta Sigma Epsilon (National)
Adviser, Bessie K. Crystal

Fraternities

Tau Beta Iota
Adviser, Lawrence A. Wallman

Omicron Pi
Adviser, Mr. C. M. Roberts

Sigma Tau Gamma (National)
Adviser, Mr. M. E. McCarty

Zeta Sigma (National)
Advisers, Dr. R. P. Ward and Frank Hall

THE BAND

The champion Maroon and White Band of Fairmont State College is one of the most outstanding organizations of its kind and is very well known throughout the state. It has a membership of approximately fifty (50) pieces. All young men and women who play instruments have the privilege of applying for membership in this organization on a competitive basis. For those without musical training, who are interested in the band, classes in beginning instruments will be offered.

NEW GYMNASIUM

The college is very happy to announce the completion of its new building which will be the home of the Physical Education and Health Department.

The building is much more than a mere gymnasium. It contains two gymnasiums, one for men and one for women. Besides these two large rooms the building contains a fine swimming pool, class-rooms, locker-rooms, showers, offices and equipment rooms. This new building has been called by those who know "the finest and most complete physical education building in West Virginia."

COURSES OF STUDY

Fairmont State College offers a teachers college course leading to a teacher's certificate and to the degree of Bachelor of Arts in Education; a two-year elementary course leading to a teacher's certificate; and pre-professional courses, offered primarily for the benefit of those who do not plan to teach but who plan to enter some other institution for advanced study.

COLLEGE COURSE

Purpose: This course is designed to prepare teachers for junior and senior high schools, and for elementary schools.

Curricula: Three curricula are offered. Curriculum A for junior and senior high school teachers; Curriculum B for elementary teachers; Curriculum C for teachers of both high schools and elementary schools.

Entrance: "The present requirements for graduation as fixed by the West Virginia High School course of study will be recognized for college entrance to West Virginia Normal Schools and Colleges." But "students will be admitted on presentation of 15 units of high school credit, the remaining unit to be made up during the first or second year of College work." Not more than one of the 16 units required for entrance may be earned in the study of religion or the Bible.

Graduation:

1. A total of 128 semester hours of credit is required.
2. The student must earn at least 128 quality points.
3. At least 45 semester hours must be earned in courses numbered 301 and higher.
4. A minimum of 32 semester hours must be earned in residence.
5. At least 16 semester hours of residence work must be done in the senior year.

Rate at Which Credit May Be Earned: The regular amount of work each year of this course is 32 hours. The student may, by permission of his class adviser, carry 34 semester hours a year. By permission of the Committee on Classification and Credits superior students may carry 36 hours. A student whose average is 2.5 or above may be permitted to carry 19 hours in a semester.

Advanced Credit: "Work done in any state school, college, or university of the state shall be credited, hour for hour, by any other College or University of the state, subject to residence, graduation, and special requirements on account of membership in any approved association of colleges or universities." Students and graduates in the Normal courses, either in this institution or elsewhere will receive credit, hour for hour, for work done in these courses. Thus, a graduate of the two-year course, who has earned 64 semester hours, would receive credit for 64 hours on the College Course for elementary teachers. He would thus have 64 additional hours to do to complete the college course, but it is probable that he may have to do more than that to comply with the graduation requirements.

Recognition of Course: Fairmont State College is a member, in good standing, of the American Association of Teachers Colleges. Fairmont is also an institutional member of the American Council of Education. These two memberships guarantee to Fairmont graduates a high grade professional standing. Fairmont graduates are eligible to teach in North Central High Schools, (a ruling by West Virginia State High School Supervisor).

TWO YEAR ELEMENTARY COURSE

Purpose: This course is designed to prepare teachers for positions in the elementary schools of the towns, cities and rural communities of West Virginia. Upon completion of this course students are recommended for third class elementary certificates.

Entrance: The same requirements as for those entering the college course, but in order to secure adequate preparation of teachers in certain fundamental subjects, students who are admitted to any of the curricula for elementary teachers, must attain a definite standard in English, arithmetic and penmanship. Students who fail to meet the required standards in these subjects will be required to do additional work for which no collegiate credit will be given.

Length: This course represents two full years of work above a four-year high school course; 64 semester hours and 64 honor points are required for completion.

Residence: The last 16 hours of the 64 hours must be earned in Fairmont State College and at least 32 hours of work done in residence in one college.

Rate at Which Credit May Be Earned: The regular amount for each year of this course is 32 semester hours. Exceptional students may be given permission by their class advisers to carry a maximum of 34 semester hours. By permission of the Committee on Classification and Credits superior students may carry 36 hours. A student whose average is 2.5 or above may be permitted to carry 19 hours in a semester.

Certificate Granted: Students who complete this course are recommended for certificates from the State of West Virginia, good for three years, and renewable. This certificate enables the holders to teach in elementary schools in West Virginia. The credits earned are accepted on certificate requirements in other states.

PRE-PROFESSIONAL COURSES

Besides being a teachers college the college is increasing each year its offerings in the number of pre-professional courses offered primarily for the benefit of those who do not plan to teach but who plan to enter some other institution for advanced study. Courses acceptable for advanced credit in other institutions have been arranged for in the following professional fields:

Pre-Law	Pre-Medical	Pre-Nursing
Pre-Business	Pre-Dental	Pre-Engineering

For the convenience of students, detailed arrangement of the courses offered in each of the above fields is provided. As regards the coming school year, particular attention is called to such new offerings in the Pre-Business Course as Accounting, Marketing, Business Mathematics and Statistics. Courses recently added to the Pre-Engineering Course include: Mechanical Drawing, Descriptive Geometry, and Plane Surveying. Plans are under way for the definite increase in Pre-Nursing training facilities in cooperation with the Fairmont General Hospital.

CHANGING SCHEDULES

Occasionally students want to make changes in their class schedules after enrolling. If necessary, these changes may be made through the class adviser within three weeks after enrollment; thereafter only by permission of the Committee on Classification and Credits. Changes made in any other manner will result in failing grades for the student.

GRADING SYSTEM

Fairmont attempts to grade its students systematically and scientifically. The following system is used: "A", very superior; "B", superior; "C", average; "D", inferior; "I", incomplete; "F", Failure; "WP", withdrew passing; "WF", withdrew failing. The teacher may, at his discretion, give less credit to any student than the course usually carries for poor or insufficient work. He may, for example, cut down to one, two and three semester hours the credit of a four-hour course. Cut credit may be made up in a regularly scheduled class only. Honor points are earned with grades as listed below:

Grade A—Three points for each hour of credit.
Grade B—Two points for each hour of credit.
Grade C—One point for each hour of credit.
Grade D—No honor point.

Students who average less than "C" in their teaching subjects will not be recommended for certification and will not be allowed to do student teaching. "Condition" or incomplete grades must be removed within a year, otherwise the "condition" automatically becomes a failure. No student may do additional work to raise a grade after it has been recorded except by permission of the Committee on Classification and Credits.

If a student enrolls for a course and later drops it without permission, a grade of "F" is recorded for him in the course. Permission to drop a course may be obtained from the class adviser during the first three weeks of a semester or the first two weeks of a summer term; later in the semester or summer term, from the Committee on Classification and Credits. Permission to drop a course will not be granted after the middle of any session.

STUDENT RATING

Fairmont endeavors to give each student a proper and correct rating and classification. Students are, therefore, urged to send high school records to the College before entering. The principals of the high schools will be glad to forward these records upon request of the students. These records should be sent to Miss Ethel Ice, registrar of the College.

TRAINING SCHOOL

Fairmont State College offers exceptional opportunities to students who wish to observe and do directed student teaching. Schools of practically all types of organization are available for use on the part of students. These types include rural, elementary, junior, high, six-year high and senior high schools.

All student participation in any of the above listed types of schools is done under careful and able supervision.

ORGANIZATIONS

Student organiaztions and activities carried on by students have a distinct and notable place in the school. Recognizing that they encourage initiative and self-control, provide laboratory training in English, teach parliamentary law, and train in appearing before the public, and realizing that this is of special value for teachers, the authorities manifest keen interest in the conduct and success of established organizations and the formulation of new ones. Every student can find some kind of student work that fits in with his interest and talents.

STUDENT BODY

The entire school is organized into an association known as the Student Body which meets regularly once a month and also at the call of the president. It fills an important place in the general work of the school. Through this organization receptions are arranged, officers of "The Columns" and "The Mound" elected, special committees appointed, and many other services as they arise from time to time rendered. A Student Body fee is required of all students. This covers the cost of receptions, flowers, and additional expenses for the student body. The constitution of the Student Body is printed in the College Handbook.

GENERAL REGULATION ON DISCIPLINE

On motion of the State Board of Education, the following statement was ordered printed in the catalog of each state-supported college:

"The regulations of the college shall require from every student decorous, sober, and upright conduct, so long as he remains a member of the college student body, whether within the college precincts or anywhere else.

"The president and faculty shall have authority to formulate specific regulations for the administration of this provision."

SCHOOL OF NURSING

FAIRMONT GENERAL HOSPITAL

Fairmont, West Virginia

COOPERATING WITH—FAIRMONT STATE COLLEGE

Nursing is a service to humanity. Today our country is awake to the urgent need to improve and conserve the health of all. Educational, industrial, social and political organizations are insisting on a wider extension of medical and nursing service. Civilian hospital demands for the care of the acutely ill must be met, and at the same time the military needs for graduate nurses have to be satisfied. To enter any specialized field requires a sound basic course in nursing. Only an accredited school of nursing connected with an approved hospital should be considered.

Fairmont General Hospital offers to young women who wish to become registered nurses, a course of instruction in theory and practice which leads to a diploma in nursing. This hospital is approved by the American College of Surgeons and the American Medical Association and the West Virginia State Board of Nurse Examiners.

The present hospital replaces the Cook Hospital which served the community for many years. The new building was opened for admission of patients on July 29, 1940. It is a four story, fire-proof building planned to care for 160 patients, including new-born babies. Accommodations are provided for medical, surgical, obstetrical and pediatric patients in wards and private rooms. Modern in construction, the building is designed and equipped to provide for maximum comfort of patients and at the same time to make feasible the education of student nurses.

The Nurses' Home is adjacent to the hospital and provides for the housing of students. The Educational Unit in the Nurses' Home is planned for instruction of students in theory, demonstration and practice. An adequate professional library is included in the Educational Unit. Class room instruction in specific subjects is given on the campus of the Fairmont State College, which adjoins the hospital grounds. The classrooms, laboratories, library, and recreational facilities, including the swimming pool of the college, are available for the students. A definite health program is in effect, in which all students participate. Classroom instruction and clinical practice are closely correlated under the supervision of graduate nurses. A schedule of 48 hours per week of combined classwork and nursing is maintained. Social and recreational opportunities are an integral part of the educational plan for all students. The school of nursing is non-sectarian, but all students are given an opportunity to attend the church of their choice.

CADET CORPS

The United States Public Health Service approved the school of nursing for participation in the United States Cadet Nurse Corps on September 4, 1943. It is necessary for the student to enroll in the school of nursing and through the school of nursing to enter the Cadet Nurse Corps. Under the present plan the federal government defrays the cost of the education of the cadet nurse. The student is provided with textbooks, uniforms, fees, tuition and maintenance as well as a stipend paid monthly throughout the entire period.

For the student who does not wish to became a cadet, the entrance requirements and expenses are the same. Members of the cadet corps and non-members receive the same education, attend the same classes, and must take the same examinations to become registered nurses. An estimation of the cost of the course for the three year period can be had by making direct inquiry to the school of nursing. A loan fund is available for deserving students.

ADMISSION REQUIREMENTS

The age limit is from 17½ years upward. Graduation from an accredited high school in the upper half of the class. The high school course should be acceptable for college entrance. A personal interview with the director of nursing or her associates. A pre-entrance physical examination is made at the hospital.

This includes laboratory tests and X-ray examination. A charge of $10.00 is made for this examination, which will be refunded if the student enrolls as a cadet nurse. A pre-entrance series of mental tests are given at Fairmont State College.

A fe of $5.00 is charged for these tests, which is refunded if the student enrolls as a cadet nurse.

EDUCATION PROGRAM

The course covers a period of 36 months. The basic instruction is given in the first thirty months, with the final six months set aside for special supervised practice with greater responsibility. For those who choose it, these final six months may be spent in either an Army or Navy hospital.

The curriculum is planned to conform to the recommendations of the National League of Nursing Education to streamline the program for the war emergency, and at the same time provide for a sound education in nursing which prepares for a recognized profession.

OPPORTUNITIES IN NURSING

Graduates under the United States Cadet Nurse Corps plan, who pledge themselves, health permitting, to remain in essential nursing throughout the war, will be free to choose any field in nursing.

Among the opportunities that are open to graduate nurses are:

Army and Navy nursing, Civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, administrators; Veteran and Marine Nursing, Industrial nursing, Public Health Nursing, Health relief and rehabilitation at home and abroad, Child Health and Guidance, Occupational therapy, Anesthesia, Clinical Laboratory, X-Ray Laboratory.

Approved By
American College of Surgeons
American Medical Association
and
West Virginia State Board of Examiners

For additional information write to:
Director of Nursing
Fairmont General Hospital, Fairmont, West Virginia
or
Fairmont State College, Fairmont, West Virginia

FACULTY 1944-1945

Fairmont's faculty is made up of carefully chosen, well-trained men and women. The entire faculty at Fairmont sees teacher-training work as the big objective at Fairmont State College. All teachers, therefore, prepare their courses with the sole purpose of helping prospective teachers. The names of the faculty members follow:

JOSEPH ROSIER, *President*
B.Pd. Salem College, 1895; A.M. Salem College, 1915; LL.D. Marshall College, 1933. Member United States Senate 1941-1942.

JASPER H. COLEBANK, *Physical Education*
A.B. Fairmont Normal, 1926; Graduate work West Virginia University and University of Illinois, 1933.

EVA DAY COMPTON, *Home Economics*
B.S. West Virginia University, 1919; A.M. Teacher's College, Columbia University, 1925.

BESSIE K. CRYSTAL, *History*

B.S. Kirksville State Teachers College, Kirksville, Mo., 1920; A.M. University of Missouri, 1924; Graduate study, University of Chicago, summer 1929.

JOHN T. EVANS, *Music*
A.B. Fairmont State Teachers College, 1936; Mus. B. West Virginia University, 1938; Mus. M. West Virginia University, 1941.

RUTH FERGUSON, *Art*
Graduate of Beaver College in Fine Arts, 1915; Fairmont State Normal, 1918; A.B. Fairmont State Normal, 1927; A.M. George Peabody College for Teachers, 1932.

LUCILLE M. FITZ GIBBONS, *Health and Physical Education*
University of Wisconsin, B.S., 1944.

HAROLD D. FLEMING, *Education*
A.B. Fairmont State Normal School, 1925; A.M. George Peabody College for Teachers, 1928; Graduate Study, West Virginia University, summer, 1931; Colorado University at Boulder, summers 1940 and 1941. Present position, 1939.

ERNEST FREED, *Art*
B.S. in Education, University of Illinois, 1931; B.F.A. in Painting, University of Illinois, 1933; Scholarship, Pennsylvania Academy, Tiffany Fellowship; A.M. University of Iowa, 1937.

MARY BLANCH GIBSON, *Education*
A.B. West Virginia University, 1922; A.M. Teachers College, Columbia University, 1926.

FRANK HALL, *Education*
B.S. West Virginia University, 1914; A.M. Teachers College, Columbia University, 1925.

C. D. Haught, *Physical-Chemistry*
A.B. West Virginia Wesleyan College, 1922; M.S. Ohio State University, 1925.

Mary A. Hawkins, *Assistant Librarian*
A.B. Fairmont State Teachers College, 1937; B.S. of L.S. Carnegie Institute of Technology, 1938. On leave to serve with the armed forces of the United States.

Maud M. Hull, *Education*
A.B. West Virginia University, 1919; Summer School, Columbia University, 1921-1922; A.M. Teachers College, Columbia University, 1925.

George R. Hunt, *Biology*
Ph.B. Denison University, 1922; A.M. West Virginia University, 1929; Ph.D. University of Pittsburgh, 1939. On leave to serve with the armed forces of the United States.

Ethel Ice, *Registrar*
A.B. West Virginia University, 1910; A.M. Teachers College, Columbia University, 1921; Institute for Registrars, University of Kentucky, 1923.

Louise Leonard, *Education*
A.B. in Education, Fairmont State Normal School, 1924; Graduate Work, Teachers College, Columbia University, summer 1924; 1929; year, 1927-1928; A.M. Teachers College, Columbia University, 1929.

E. L. Lively, *Sociology*
B.S. West Virginia University, 1912; A.M. Ohio State University, 1920.

C. A. Lindley, *History*
A.B. Indiana University, 1921; Fellow in History, Clark University, 1921-1922; M.A. Clark University, 1922; Ph.D. University of Pennsylvania in 1932. On leave, war work.

Medora May Mason, *Director*
A.B. West Virginia University, 1927; summer terms, School of Journalism, University of Wisconsin, 1930 and 1931.

M. E. McCarty, *Mathematics; Director of Extension*
A.B. University of Michigan, 1915; A.M. University of Michigan, 1922.

Paul F. Opp, *English*
A.B. Mt. Union College, 1918; Officers Material School, U. S. Navy, commissioned Ensign, 1919; A.M. Columbia University, 1923; Professional Diploma Teacher of English, Columbia University, 1923; Graduate Study in University of Toronto and West Virginia; Ph.D. University of Toronto, 1933.

Emma G. Parsons, *Librarian*
A.B. Kansas Wesleyan University, 1927; Library School Kansas State Teachers College, Emporia, 1929-30; A. M. University of Denver, 1937.

John W. Pence, *Political Science; Dean of Men*
A.B. Oberlin College, 1917; A.M. Oberlin College, 1923; Carnegie Fellowship in International Law, Columbia University, 1917-18.

Virginia B. Platt

Grover C. Platt, *Economics*
B.A. University of Iowa, 1936; M.A. Tufts College, 1936; Ph.D. University of Iowa, 1941. On leave with the armed forces of the United States.

Mary B. Price, *Music*
Graduate of the School of Music, West Virginia University (violin) 1917; summer session Cornell University, 1918; graduate of Pennsylvania summer sessions for Public School Music Supervisors, West Chester, Pa., 1923; studied voice with Helen Allen Hunt of Boston, 1922-23, and with Isidore Luckstone, New York City, 1924-25; post graduate work, New York University, New York City, 1925.

Mahala Dorcas Prichard, *History; Dean of Women*
A.B. West Virginia University; A.M. Teachers College, Columbia University, Professional Diploma, Dean of Women, Columbia University.

H. S. Rhodes, *English*
A.B. Fairmont State Teachers College; A.M. West Virginia University, 1939; present position, 1931.

Jean E. Richmond, *Home Economics*
A.B. University of Illinois, 1918; A.M. Iowa State University, 1924; Graduate Work Minnesota University 1930 and Iowa State College, 1937.

Charles M. Roberts, *Biology and Elementary Science*
B.S. Pennsylvania State College, 1924; M.S. Ibid, 1925; University of Michigan Biological Station, summer 1924; graduate work Teachers College, Columbia University 1928-1929; Teachers College Diploma, "Teacher in Biology in Normal Schools and Teachers Colleges."

Harold F. Rogers, *Head of Chemistry Department*
A.B. West Virginia University, 1901; A.M. Harvard, 1908.

Francis Shreve, *Head of the Department of Education*
A.B. West Virginia University, 1909; A.M. Ohio State University, 1912; Ph.D. Peabody College, 1921.

Oliver Shurtleff, *Education; Dean of Instruction*
A.B. West Virginia University, 1918; A.M. West Virginia, 1922; Ph.D. Student University of Chicago, two terms.

Herman Arthur Shutts, *Mathematics*
A.B. in Education, Fairmont State Normal School, 1929; A.M. West Virginia University, 1931.

Ruth Staley, *Music*
University of North Dakota, 1924-26; Northwestern University, Bachelor of Music Education, 1926-28; Chicago Art Insttiute.

Marjorie D. Tate, *English*
B.S. Central Missouri State Teachers College, Warrensburg, Missouri, 1922; A.M. George Peabody College, 1926.

Elizabeth Terry, *Latin*
A.B. Marietta College, 1928; A.M. University of Wisconsin, 1935

Ernestine Troemel, *Health and Physical Education*
B.S. University of Wisconsin, 1925; University of California at Berkeley, 1928; A.M. Teachers College, Columbia University, 1932; University of Wisconsin, summer, 1935. Resigned 1944.

George H. Turley, *English*
A.B. Fairmont State Teachers College, 1931; A.M. West Virginia University, 1937. On leave with the armed forces of the United States.

Lawrence A. Wallman, *English*
A.B. West Virginia University, 1927; A.M. West Virginia University, 1929.

R. P. Ward, *Chemistry and Physical Geography*
A.B., M.Sc., and Ph.D., Ohio State University.

Frank S. White, *Education*
A.B. University of Pittsburgh, 1916; A.M. George Peabody College for Teachers, 1923; Graduate Student, University of Pittsburgh, summers of 1919, 1920, 1921; Peabody 1922-23, summers of 1923, 1926 and 1927; University of Cincinnati, summer of 1930 and first semester, 1930-31.

Mary Edna White, *Health and Physical Education*
B.S. University of Wisconsin, 1927; A.M. Teachers College, Columbia University, 1937; Graduate Work Teachers College, Columbia University, summer, 1938.

Wilford R. Wilson, *Physical Education*
A.B. Fairmont State Teachers College, 1935; A.M. Teachers College, Columbia University, 1939. Present position, 1939. On leave with the armed forces of the United States.

Florence R. Clady, *College Nurse*
On leave with the armed forces of the United States.

Edna I. Miller, *Director*
B.S. Bradley Polytechnic Institute; A.M. Institutional Management, Columbia University, 1934.

Mary Virginia Young, *College Nurse*

Frances L. Ridgeway, *Dietitian*
B.S. West Virginia University, 1941.

Blanche Price, *Bursar*

Katherine Thomas, *Secretary*

Edna Amos, *Recorder and Secretary to the Registrar.* Resigned 1944.

Catherine Algeo Freeman, A.B., *Assistant to the Registrar.*

Eileen Kurlich, *Stenographer*
On leave with the armed forces of the United States.

Ruth Hawkins, A.B., *Assistant to the Bursar.*

FACULTY COMMITTEES FOR 1944-1945

Classification and Credits

In order to divide the work and responsibility of this committee the college administration plans to rotate assignments to membership on the committee. Membership on the committee will follow, pretty generally, an alphabetical order of departments. The deans of the college will be ex officio members of the committee to sit with the committee. A new committee will be appointed each succeeding year. The 1944-1945 members are:

Dr. Shreve, Chairman
Mr. Lively
Mr. Turley
Miss Ice, Secretary
Miss Compton
Dr. Platt

Members for 1945-1946

Dr. Shreve, Chairman
Mr. Rhodes
Miss Tate
Miss Ice, Secretary
Miss Leonard
Mr. Wallman

Assembly

Miss Staley, Chairman
Miss Mason
Miss Mary B. Price
Mr. Wallman

Athletics

Mr. Colebank
Mr. Haught
Miss White

Commencement

Mr. Rogers, Chairman
Miss Mason
Miss Mary B. Price
Miss Tate
Dean Shurtleff
Mr. Evans

Employment of Students

President Rosier
Dean Prichard
Dean Pence
Miss Blanche Price

Flower Committee

Miss Parsons, Chairman
Mrs. Thomas
Miss Terry
Dr. Hunt
Mr. Evans

Library

Miss Parsons, Chairman
Mr. Shutts
Miss Hull
Miss Tate
Miss Leonard
Miss Crystal

Placement

Mr. McCarty, Chairman
Miss Gibson
Dean Shurtleff
Mr. Colebank
Miss Ice

Radio

Miss Mason, Chairman
Mr. Wallman
Miss Staley
Dean Shurtleff
Dr. Hunt
Student Member, President Student Body

CLASS ADVISERS

Senior Class
    Dr. Opp
Sophomore Class
  General Adviser
    Dean Pence
  Academic for Unclassified
    Men—Dean Pence
    Women—Dean Prichard
  Student Council Adviser
    Mr. Wallman

Junior Class
    Miss Staley
Freshman Class
  General Adviser
    Dean Prichard
  Academic
    Men—Dean Pence
    Women—Dean Prichard
Fresmen—Orientation
  Dean Prichard, Chairman
  Dr. Hunt, Dr. Platt,
  Miss Leonard, Mr. Turley,
  Dean Pence and
  Dean Shurtleff, Ex officio

INTEGRATING COMMITTEE

For Single Curriculum Study and Administration

Dr. Platt, Chairman
Dr. Shreve
Miss White
Dr. Hunt
Miss Ice, Secretary

REQUIREMENTS FOR THE PUBLIC SCHOOL CERTIFICATE

The Public School Certificate, valid for a five year period in elementary, junior and senior high schools, will be issued to prospective teachers who have been graduated in the Single Curriculum, provided that they complete the following:

I. Foundation Courses

	Required Hours	
English		(18)
Written and Spoken English	6	
Advanced Written and Spoken English	3	
Backgrounds of Literature	3	
Study and Appreciation of English Literature	3	
Study and Appreciation of American Literature	3	
Social Studies		(17-18)
Development of Social Institutions	6	
Fundamental Social Problems	6	
W. Va. History, Geography, and Government	3	
World Geography	2-3	
Science		(16)
Biological Science	6	
Physical Science	6	
Mathematics 1	4	
Physical Well-Being		(8)
Freshman Orientation	2	
Rhythmic Activities	1	
Leadership in Recreational Activities	1	
Team Games	1	
Individual and Dual Sports	3	
Music		(6)
Music as an Art and a Science	2	
Music Highways—or—Musical Materials and Procedures	2	
Music in Human Relations	2	
Art		(6)
Creative Expression in Fine Arts	2	
Creative Expression in Applied Arts	2	
Art Appreciation	2	
Professional Subjects		(20-26)
Human Development and Adjustment	9	
Methods (elementary and secondary)	5	
Directed Teaching (elementary and secondary)	6	
Electives	0-6	

II. Teaching Fields

A minimum of 24 semester hours in each of two teaching fields with the exception of the social studies in which they will complete 32 hours and in mathematics, 22 hours. (Two semester hours may be deducted for each high school unit of mathematics; the maximum deduction is 6 hours.)

III. Honor Points

As many honor points as semester hours on the total credit earned, as many honor points as hours earned in professional subjects, including directed teaching, and in each of the teaching fields required for the secondary schools.

IV. Directed Teaching

Directed teaching experience on sufficienctly different levels to insure a beginning competency in all grades from 1 through 12 and demonstrate to those in authority ability to teach in both the elementary and secondary schools. Experience in the upper grades will be limited to the fields of specialization selected by the student.

Each semester hour of directed teaching shall require a minimum of 18 clock hours consisting of a least 50 minutes in the classroom. Of the total clock hours submitted for this minimum requirement, the maximum for observation shall not exceed 30 per cent.

SINGLE CURRICULUM BLOCK SCHEDULE

for

1. Third Class Elementary Teachers Certificate (2 years)*
2. Public School Certificate (4 years)*†

FIRST SEMESTER 1944-45

First Year

Time	Name and Number of Course	Hours	Days
8:00	Ed. 202 Educational Phychology	3	M. W. F.
8:00	Biol. 101 Community Biology	3	T. 8-10 Th.
9:00	Soc. St. 101 Development of Soc. Institutions	3	M. W. F.
10:00	Phys. Ed. 101 Freshman Orientation	2	M. T. W. F.
11:00	Eng. 102 Written and Spoken English	3	M. W. F.
2:00	Music 101 Music as an Art and a Science	2	M. W. F.

Second Year

Time	Name and Number of Course	Hours	Days
8:00	Phys. Sci. 201 General Physical Science	3	M. W. F.
9:00	Soc. St. 201 Fundamental Social Problems	3	M. W. F.
10:00	Math. 205 General Mathematics	4	M. T. W. F.
11:00	Art 211 Creative Expression Applied Arts	2	M. T. W. F.
1:00	Eng. 207 Backgrounds of Literature	3	M. W. F.
2:00	Phys. Ed. 231 Rhythmic Activities	1	T. Th.

SECOND SEMESTER 1944-45

First Year

Time	Name and Number of Course	Hours	Days
8:00	Ed. 203 Educational Psychology	3	M. W. F.
8:00	Biol. 102 Community Biology	3	T. 8-10 Th.
9:00	Soc. St. 102 Development of Soc. Institutions	3	M. W. F.
10:00	Art 111 Creative Expression in Fine Arts	2	M. T. W. F.
11:00	Eng. 104 Written and Spoken English	3	M. W. F.
1:00	Music 201 Music Highways or Mater. and Procedure	2	M. W. F.

Second Year

Time	Name and Number of Course	Hours	Days
8:00	Ed. 204 Methods Teaching Elem. School	3	M. W. F.
9:00	Phys. Ed. 214 Leadership in Recreational Act.	1	T. Th.
9:00	Soc. St. 202 Fundamental Social Problems	3	M. W. F.
10:00	Phys. Sci. 202 General Physical Science	3	M. W. F.
11:00	Eng. 208 Advanced Written and Spoken English	3	M. W. F.
1:00	Ed. 250 Obs. and Dir. Teaching	3	M. T. W. Th. F.

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*Indicate years required for completion.

†Those who earn their degrees before teaching will postpone taking Ed. 202 and 203 until their second year and Physical Science 201 and 202 until their third year.

SUBJECTS REQUIRED FOR DEGREE OF BACHELOR OF ARTS IN ELEMENTARY EDUCATION AND FOR COLLEGIATE ELEMENTARY TEACHERS CERTIFICATES

	First Class Collegiate Elementary Sem. Hrs.	Provisional Collegiate Elementary Sem. Hrs.	Second Class Collegiate Elementary Sem. Hrs.	Third Class Collegiate Elementary Sem. Hrs.
ENGLISH:				
Composition	5	5	5	5
Speech	2	2		
Juvenile Literature	2	2 or	2	2
Electives:	6	5	5	3
Literature				
Advanced Composition				
Library Science				
Minimum Hours Required	15	12	12	10
SOCIAL STUDIES:				
United States History and Government (Integrated)	6	6	6	6
West Virginia History, Government, and Geography (Integrated)	3		3	3
Economics	2	2	2	
Sociology	2	2	2 or	2 or 2
Geography	2	2	2	2
Electives:				
History				
Government				
Economics				
Sociology				
Geography				
Minimum Hours Required	18	15	15	15
SCIENCE:				
General Science (6) or General Biological Science (3) and General Physical Science (3)	6	6	6	6
Health Education	2		2	2
Practical Arithmetic	2		2	2
Electives:	3	3	3	
Biological Science				
Physical Science				
Minimum Hours Required	13	9	13	10

	First Class Collegiate Elementary Sem. Hrs.	Provisional Collegiate Elementary Sem. Hrs.	Second Class Collegiate Elementary Sem. Hrs.	Third Class Collegiate Elementary Sem. Hrs.
MUSIC:				
Introduction to Music	2	2	2	2
Public School Music	4	2	4	4
Minimum Hours Required	6	4	6	6
ART:				
Introduction to Art	2	2	2	2
Public School Art	4	2	4	2
Minimum Hours Required	6	4	6	4
PHYSICAL EDUCATION:				
Physical Education	2	2		
Grades Games and Playground Supervision	2	2 or	2	2
			2	2
Minimum Hours Required	4	2	4	4
EDUCATION:				
Educational Psychology	3	3	3	3
Teaching in Elementary Schools including:				
Principles, Methods, and Management	5	3	5	3
Directed Teaching*	5	3	X3	3
Organization of W. Va. School System and Program of Study for the Elementary Schools	2		2	2
Suggested Electives	5	6	2	2
History of Education				
Philosophy of Education				
Educational Sociology				
Kindergarten and Primary Ed.				
Tests and Measurements				
Child Psychology				
Elementary School Administration and Supervision				
Minimum Hours Required	20	15	15	13
Maximum Hours Permitted	24	24	24	15
General Electives	46	67	25	2
Total Required for Certificates	Bachelor's Degree		96	64

At least 45 semester hours of the total required for the first class and provisional collegiate elementary certificates shall be selected from the third and fourth year courses.

*Directed teaching shall include training in the primary and intermediate, and/or upper elementary grade levels. Each semester hour shall require a minimum of 18 clock hours consisting of at least 50 minutes in the classroom. Of the total clock hours submitted for this minimum requirement, the maximum in observation shall not exceed 30%.

HIGH SCHOOL CERTIFICATES

FIRST CLASS HIGH SCHOOL CERTIFICATES (Valid for 5 years for teaching in junior and senior high schools) will be issued provided the following requirements have been met:

1. *Graduation and recommendation* from a standard college[1]

	Minimum
2. *General Requirements*[2]	28 Sem. Hrs.
English (8), Speech (2)	10
Social Studies History, Government, Sociology, Economics and Geography. (At least one course in each of three subjects or fields must be completed.)	12
Science or Mathematics	6

	Minimum
3. *Professional Requirements*[3]	20 Sem. Hrs.
Educational Psychology[4]	5
Teaching in Secondary Schools including: Principles, Methods, and Management	4
Directed Teaching (90 clock Hours)[5]	5

Suggested Electives:

- Organization and Program of Study of the West Virginia School System
- Tests and Measurements
- Philosophy of Education
- Educational Sociology
- High School Program of Studies
- History of Education
- High School Organization
- Current Practices in Secondary Education
- Co-Curricular Activities
- Pupil Personnel and Pupil Accounting
- The Junior High School
- Adult Education
- Introduction to Vocational Teaching

1—24 hours of extension work is permitted

2—When any of the general requirements are included in the teaching field the work may be used to meet both requirements.

3—A maximum of 24 semester hours will be accepted.

4—2 hours of General Psychology will be accepted.

5—Directed teaching shall be completed on the junior or senior high school level in the fields designated on the certificate. Each semester hour shall require a minimum of 18 clock hours consisting of at least 50 minutes in the classroom. Of the total clock hours submitted for this minimum requirement, a maximum in observation shall not exceed 30%. A 1.0 average in professional subjects will be required for enrollment in directed teaching.

DESCRIPTIVE OUTLINE OF COURSES

Unless otherwise stated, the credit value of the course is identical with the number of hours per week that the class meets.

With a few exceptions, the courses are numbered by the following system of "levels": first year level 101-199; second year, 201-299; third year, 301-399; fourth year, 401-499. It is expected that a student enroll for courses on the level on which they are offered (that is, that first-year students enroll for first year level courses). But, with the approval of his class adviser, he may enroll for a course on either the next higher or the next lower level.

At least 45 of the 128 semester hours required for graduation must be earned in courses numbered 301 or above.

The following outline does not attempt to list the summer school courses, except in those instances where "S" is placed after the numerical designation of the course. The summer school courses are all, with frequent exceptions, chosen from the regular courses.

The abbreviations "M", "T", "W", "Th.", "F", indicate the days on which the class meets. The figures, "8:00", "9:00", etc., indicate the hours at which the class begins. The value of each course, in semester hours, is found at the right of the course number and course name. In scheduling courses the time when a course is offered may be changed.

Credit for less than 6 hours in a foreign language may not be counted toward graduation.

To be admitted to a course in student teaching the student must have an average of not less than C:

1. On all credits to be counted toward graduation.
2. On all credits in the first and second teaching fields.
3. On all credits in the department of education.

Courses listed in this catalog may be changed due to new requirements by the State Board of Education.

ART	24 Sem. Hrs.
Required Courses	Minimum Required
Freehand Drawing	6
Design	6
Painting and Sculpture	6
History and Appreciation	6
Suggested Electives	
Ceramics	
Landscape Architecture	

Sculpture
Advanced History and Appreciation
Advanced Painting
Jewelry
Commercial Art
Bookbinding

BIOLOGICAL SCIENCE	24 Sem. Hrs.
Required Courses	Minimum Required
General Biology (8) or Botany (4) and Zoology (4)	8
Suggested Electives Anatomy, Ecology, Entomology, Bacteriology, Embryology, Forestry, Eugenics, Genetics, Morphology, Plant or Animal Pathology, Physiology. (Maximum—4 hours in any one subject)	10
Chemistry	6

BIOLOGICAL AND GENERAL SCIENCE	34 Sem. Hrs.
Required Courses	Minimum Required
General Biology (8) or Botany (4) and Zoology (4)	8
Suggested Electives Anatomy, Ecology, Entomology, Bacteriology, Embryology, Forestry, Eugenics, Genetics, Morphology, Plant or Animal Pathology, Physiology. (Maximum—4 hours in any one subject)	8
Chemistry	8
Physics	8
Geology	2

ENGLISH	24 Sem. Hrs.
Required Courses	Minimum Required
Composition—Oral and Written Speech (2) English Composition (5)	10
Suggested Electives Advanced Composition or Exposition or Study of the English Language.	
Literature American Literature Survey (3) English Literature Survey (3)	12

Suggested Electives
- The Novel
- The Short Story
- The Drama
- Shakespeare
- The Essay
- Contemporary Literature
- Bible as Literature
- World Literature
- The Study of One Literary Period
- Study of Another Author

(Maximum—3 hours in any one subject)

Special Activities	2
Library Science or Journalism	2

FRENCH 24 Sem. Hrs.*

Suggested Courses	Maximum Permitted
French Grammar	4
Modern Fiction since 1800	3
Drama of the 19th Century	3
Advanced Readings	6
Advanced Grammar and Pronunciation	3
Classical School	6
Oral French	3
French Literature	3
French Civilization and Culture	3

GERMAN 24 Sem. Hrs.*

Suggested Courses	Maximum Permitted
Elementary Grammar and Composition	6
Advanced Grammar and Composition	3
Advanced Readings	6
Oral German	6
Survey of German Literature	6
German Literature of the Classical Period	6
Nineteenth Century German Literature	6
Modern Literature	6

LATIN 24 Sem. Hrs.*

Suggested Courses	Maximum Permitted
Cicero's Orations	3
Vergil's Aeneid	3
Grammar and Composition	4
Roman Comedy	3
Latin Composition	3
Cicero's De Senectute and De Amicitia	3

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*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

Roman Letter Writing	3
Livy	3
Horace	3
Prose Anthology	3
Tacitus, Agricola or Amale; Santonius, Life of Julius or Augustus	3

LIBRARY SCIENCE	24 Sem. Hrs.
Required Courses	Minimum Required
Cataloguing and Classification	4
Book Selection	4
Reference and Bibliography	3
Administration of School Libraries	3
Library Practice	3
Children's Literature and Storytelling	2
Repair and Binding of Books and Magazines	1
Suggested Electives	
History of Books and Libraries	
Librarianship as a Profession	
Teaching the Use of the Library	

MATHEMATICS	22 Sem. Hrs.
Suggested Courses	Maximum Permitted
Unified Mathematics	4
College Algebra	4
Solid Geometry	3
Plane Trigonometry	3
Spherical Trigonometry	3
Plane Analytic Geometry	3
Solid Analytic Geometry	3
Calculus	6
Mathematical Theory of Statistics	3
Differential Equations	3

MUSIC	24 Sem. Hrs.
Required Courses	Minimum Required
Theory, including:	6
Sight Singing	
Ear Training	
Harmony	
Form and Analysis	
Applied Music, including:	9
Piano	
Voice	
Orchestral Instruments	

Appreciation, including:	3
Survey	
History	
Conducting, including:	6
Chorus	
Orchestra	
Band	
Ensemble	
Vocational and Instrumental	

PHYSICAL EDUCATION*

Required Courses	24 Sem. Hrs. Minimum Required
Anatomy, Physiology and Kinesiology	4
Health Education and Hygiene	4
Principles, Organization, and Administration of Health and Physical Education	2
Physical Inspection and Correction of Remedial Defects	1
Theory and Practice of Physical Education as follows:	13

	Men	Women
Team Sports Baseball, football, basketball, track and field, volley ball, speed ball, soccer, softball, touch football, field ball, field hockey and officiating.	5	5
Recreational Activities Swimming, archery, golf, tennis, badminton, table tennis, handball, boxing, wrestling, gymnastics, and apparatus	3	3
School and Community Activities Games, first aid, camping and hiking, scoutmastership, and club leadership.	4	4
Rhythms Folk, natural, social, clog and tap dancing, marching and calisthenics.	3	3

PHYSICAL SCIENCE

Suggested Courses	24 Sem. Hrs. Minimum Required
Chemistry	12
General Chemistry	
Inorganic Chemistry	
Qualitative Chemistry Analysis	

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*No credit in Physical Education shall be allowed for participation in intercollegiate sports.

  - Quantitative Analysis
  - Organic Chemistry
  - Food Analysis of Dairy Chemistry

- Physics 8
  - General Physics
  - Radio and Telegraphy and Telephony
  - Photography
  - Light
  - Sound
  - Mechanics
  - Heat
  - Electricity
  - Modern Physics
- Electives (Unrestricted) 4

PHYSICAL AND GENERAL SCIENCE — 34 Sem. Hrs.

Suggested Courses — Minimum Required

- Chemistry 12
  - General Chemistry
  - Inorganic Chemistry
  - Qualitative Analysis
  - Quanitative Analysis
  - Organic Chemistry
  - Food Analysis of Dairy Chemistry

- Physics 8
  - General Physics
  - Radio, Telegraphy and Telephony
  - Photography
  - Light
  - Sound

- Biology 8
- Geology 2
- Electives (Unrestricted)

SOCIAL STUDIES — 24 Sem. Hrs.

Required Courses — Minimum Required

- History 14
  - European History (4)
  - American History (6)
  - West Virginia History (2)

- Suggested Electives
  - American History
  - European History

- Government 2
  - American Government (2)

Suggested Electives
- State and Local Government
- Comparative Government

Economics	2

Suggested Electives
- Principles of Economics
- Labor and Industrial Problems

Sociology	2

Suggested Electives
- Principles of Sociology
- Problems of Child Welfare
- The Family
- Social Pathology

Geography	2

Suggested Electives
- Geographic Influence
- Economic Geography
- Principles of Geography
- Geography of North America
- Geography of Europe

DESCRIPTIVE OUTLINE OF COURSES

Unless otherwise stated, the credit value of the course is identical with the number of hours per week that the class meets.

With a few exceptions, the courses are numbered by the following system of "levels": first year level 101-199; second year 201-299; third year, 301-399; fourth year 401-499. It is expected that a student enroll for courses on the level on which they are offered (that is, that first year students enroll for first year level courses). But, with the approval of his class adviser, he may enroll for a course on either the next higher or the next lower level.

The following outline does not attempt to list the summer school courses, except in those instances where "S" is placed after the numerical designation of the course. The summer school courses are all, with infrequent exceptions, chosen from the regular courses.

The abbreviations, "M", "T", "W", "Th", "F", indicate the days on which the class meets. The figures, "8:00", "9:00", etc., indicate the hours at which the class begins. The value of each course, in semester hours, is found at the right of the course number and course name. In scheduling courses the time when a course is offered may be changed.

Credit for less than 6 hours in a foreign language may not be counted toward graduation.

To be admitted to a course in student teaching the student must have an average of not less than C:

1. On all credits to be counted toward graduation.
2. On all credits in the first and second teaching fields.
3. On at least 8 hours in the department of education.

Courses listed in this catalog may be changed due to new requirements by the State Board of Education.

ART

State Requirements for Teachers in the field of Art:

Art Courses	24 Sem. Hrs.
Art 101, Elementary Art	2 hours
Art 103, Elementary Crafts	1 hour
Art 201, Art Structure	2 hours
Art 203, Clay Modeling and Pottery	1 hour
Art 206, Lettering	2 hours
Art 220, Art Methods	2 hours
Art 302, Design	2 hours

Art 303, Perspective	2 hours
Art 304, History and Appreciation	3 hours
Art 305, High School Arts and Crafts	2 hours
Art 307, Drawing and Painting	2 hours
Art 404, History of Painting	3 hours

Additional Courses Recommended:

Art 103, Construction	2 hours
Art 306, Advanced Color	3 hours
Art 310, Advanced Structure	2 hours

Miss Ferguson and Mr. Freed

Art 101. *Elementary Art.* (2 hours).

First semester, 11:00, M. T. W. F. Repeated second semester. Required in all Normal School curricula. A foundation course in the theory and practice of color, freehand drawing, composition and design. Study of the principles underlying all Art structure.

Art 103. *Elementary Crafts.* (1 hour).

Problems in papier mache, fodine, weaving, cutting and modeling. An elective course suitable for students in the elementary curricula.

Art 107. *Drawing and Painting.* (2 hours).

An introduction to water-color, oil and tempera paint, charcoal and pencil technique.

Art 111. *Creative Expression in the Fine Arts.* (2 hours).

A course in which the student has the opportunity to experiment in the materials of the graphic arts and at the same time learn the technique of presenting them in the different levels of the public schools.

Art 201. *Art Structure.* (2 hours).

Study of composition based on principles of design and showing the use of the three basic elements—line, notan, and color. Use of ink, charcoal, water color, and tempera.

Art 203. *Clay Modeling and Pottery.* (1 or 2 hours).

This course includes modeling of small figures and animals in clay. Incised tiles. Coil methods. Biscuit firing and glazing.

Art 204. *Puppets and Marionettes.* (1 hour).

Course in the history and different types of construction of marionettes and puppets as well as practice in operating same. An elective course for Intermediate Curricula.

Art 206. *Lettering.* (2 hours).

Study of fundamental types such as Old English, Roman, Script and Modern, with their history. Studies in expressive lettering, forms to fit the idea or meaning. Monograms, all-over designs, and poster layouts.

Art 211. *Creative Expression in Applied Arts.* (2 hours).

This course gives the student experiences in many crafts and an opportunity to apply their own creative designs to the various crafts.

Art 220. *Art Methods and Materials for Elementary Grades.* (2 hours).

First semester, 9:00, M. W. F. Repeated second semester. Required in Primary and Rural Curricula. This course consists of a discussion of standards, methods, materials, and subject matter for teaching art in the first four grades. The students have practice in expression in color composition, design illustration, picture study, etc. Prerequisite: Art 101.

Art 302. *Design.* (2 hours).

First semester, M. T. W. Th. This course includes the study of principles of design and their application to practical problems in various techniques—such as block printing, stenciling, etc. Prerequisite: Art 101.

Art 303. *Perspective.* (2 hours).

Study of one and two point perspective, elipses in still-life groups. Reflections, shadows, interiors, color and notan in perspective.

Art 304. *Art History and Appreciation.* (3 hours).

First semester, 10:00, M. W. F. This course includes a series of talks on architecture, painting, sculpture and the minor arts with the aim of awakening understanding and enjoyment.

Art 305. *High School Arts and Crafts.* (2 hours).

An advanced course in the study of the principles of design and their application in wood blocks, metal and textiles.

Art 306. *Advanced Color.* (3 hours).

First semester, 11:00, M. T. W. Th. F.

Art 307. *Drawing and Painting.* (2 hours).

Pencil techniques, brush and ink, pen techniques, silhouettes, and pastel.

Art 308. *Bookbinding.* (1 hour).

Problems in bookbinding, folio construction, desk sets, and box construction.

Art 311. *Art Appreciation.* (2 hours).

A course designed to acquaint the student with the best art in all fields and of all times, modern as well as ancient Art.

Art 401. *Advanced Art Structure.* (2 hours).

Emphasis on advanced compositional arrangements such as murals using oil, water-color and pastel.

Art 402. *Sculpture.* (2 hours).

Sculpture in clay, wood and stone. Methods of casting and finishing.

Art 403. *Costume Design.* (3 hours).

Course consists of the study of the history of costume as it relates to modern adaptation. A study of techniques used in reproduction of fashion design. Emphasis on original costuming from history of fashions.

Art 404. *History of Painting.* (3 hours).

Second semester, 8:00, M. W. F. An advanced course in the study of the development of schools of painting. Prerequisite: Art 304.

BIOLOGY

State Requirements for teachers in the field of Biology:

Biology	18 Semester hours
Biology 104	3 hours
Biology 105	3 hours
Biology 220 or	3 hours
Biology 321	
Biology 230 or	3 hours
Biology 301	
Electives	6 hours
Biology 310	
Biology 317	
Biology 324	
Biology 330	
Biology 333	
Biology 420	
Science 311	
Science 312	
Science 320	
Chemistry	6 hours

BIOLOGY

Mr. Roberts, Mr. Hunt and Assistants

Bulletin No. 1 sets up a standard of 24 semester hours for certification in Biology (Biology 18, Chemistry 6). In view of the wide content of Biology it is urged that students use, from the large number of elective hours allowed them, every opportunity to take courses from the elective groups in both Biology and Science.

The required courses for a teaching field in Biology are starred (*).

Biology 101. *Community Biology.* (3 hours).

First semester, 8:00, T. Th., D. P. A three hour course in biology offered to meet part of the biology requirements for certification under the single curriculum. Laboratory fee, $1.00.

Biology 102. *Community Biology.* (3 hours).

Second semester, 2:00-4:00, T. Th. A continuation of Biology 101. These two courses constitute the biology requirement for the single curriculum.

*BIOLOGY 104. *General Biology.* (3 hours).

First semester, Section I, M. W. F., 9:00. Lab. M., 1:00, 2:00 or 3:00, 4:00. This course and the one following constitutes a year's work on the biological principles which govern living things. (Biology 104 and 105 make a desirable sequence for those satisfying the science requirement of Curriculum A). Lab. fee, $1.00.

*BIOLOGY 105. *General Biology.* (3 hours).

Second semester, Section I, M. W. F., 9:00. Lab. M. 1:00, 2:00, or 3:00, 4:00. A continuation of Biology 104 with special effort to show how man has used his knowledge of biology to control and make use of the biological factors of his environment. Prerequisite: Biology 104 or 101. Lab. Fee, $1.00.

BIOLOGY 110-N. *Introduction to Human Anatomy and Physiology.* (4 hours).

This course is planned for students in Nursing Education. It is open only to student nurses of Fairmont General Hospital. Meets 2:00-5:00, W. F. First semester.

BIOLOGY 120. *Animal Biology.* (3 hours).

First semester, 8:00, T. Th. Laboratory 3:00-5:00, W. This course is provided for those students who have a definite need for a first-year course in zoology. It cannot be substituted for Biology 104 or 105, but can be used towards a degree as an elective only. This course meets the requirements of pre-nursing standards. A comprehensive study of biological principles in their relation to the animal body is the objective. Lab. Fee, $1.00.

BIOLOGY 121. *Animal Biology.* (3 hours).

Second semester, 8:00 T. Th. Laboratory 3:00-5:00, W. A continuation of Biology 120. Prerequisite: Biology 120. Lab. Fee, $1.00.

BIOLOGY 124-N. *Microbiology.* (3 hours).

A study of microorganisms with particular emphasis on their relation to disease. This course, also, is open only to student nurses of Fairmont General Hospital. First semester.

*BIOLOGY 220. *Invertebrate Zoology.* (3 hours).

First semester, 9:00, M. W., Laboratory, 1:00-4:00, Th. This course includes an extensive study of the classification, morphology, and the importance of the invertebrates. Students enrolling for this course should have an understanding of general biological concepts. Prerequisite: General Biology. Lab. Fee, $1.00.

*BIOLOGY 230. *General Botany.* (3 hours).

First semester, M. W. F., 8:00, Lab. T. 1:00 to 4:00. This course deals with the structures and principles fundamental to an understanding of plants. Lab. Fee, $1.00.

*BIOLOGY 301. *General Botany.* (3 hours).

Second semester, M. W. F., 8:00, Lab. T. 1:00 to 4:00. A continuation of the study of plants. Prerequisites for Biology 230 and 301 are Biology 101 or 104 and 105. Lab. Fee, $1.00.

BIOLOGY 310. *Human Anatomy.* (3 hours).

First semester, 11:00, M. W. F., Laboratory 1:00-3:00, F. This is an introduction to the study of the human body, designed to meet the needs of elementary teachers and high school teachers of biology, home economics, and physical education. Two periods a week will be devoted to lectures, recitations and examinations, and a double period to laboratory work. Prerequisites: Biology 101 or 104 and 105. Lab. Fee, $1.00.

BIOLOGY 311. *Kinesiology.* (3 hours).

Second semester, 11:00, M. W. F. The aim here is to acquire an understanding of the principles involved in the movement of the human body. The first part of the course consists of an extensive study of the physiology of the muscle. This is followed by a detailed consideration of the prominent muscles with regard to origin, insertion, and action. Prerequisite: Biology 310.

BIOLOGY 317. *Entomology.* (3 hours).

General survey of the insect groups.

*BIOLOGY 321. *Vertebrate Zoology.* (3 hours).

Second semester, 9:00, M. W. F. Laboratory, 1:00-4:00, F. A comprehensive survey of the Chordata with respect to anatomy, classification, and importance. An advanced course that is open only to those who have had previous work in biology. Planned to meet the needs of teachers, pre-medical and predental students. Prerequisites: Biology 104 and 105.

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*Laboratory fees are required for certain courses in Biology. These fees are due at the time of enrollment.

Biology 324. *Bacteriology.* (3 hours).

The content of this course includes a study of microorganisms in their various relations to man. Laboratory exercises include the study of morphology, technique, and control measures. Meets 10:00, M. W. F. and W. 1:00-3:00.

Biology 330. *Field Botany.* (3 hours).

Second semester, T. T. 9:00, M. 1:00-4:00. The identification of the common seed plants and ferns of the region. Flower structures, family characteristics and relationships and the use of manuals are stressed. Field work required. Prerequisites: Biology 101, or 104 and 105. (230 and 231 are recommended).

Biology 333. *Biogeography.* (3 hours).

This course is designed to correlate the study of geography with biology. The work is divided between the campus and the field. The latter part includes a tour of the southern states. Only students with junior or higher rating are accepted in this course. It is offered only during the summer term.

Biology 405. *Biological Problems.* (Credit various).

By arrangement. Students with suitable preparation may schedule special work for various credit upon recommendation of the head of the department.

Biology 420. *Biological Survey.* (2 or 3 hours).

First semester, T. Th., 9:00. Lab. by arrangement. A survey of local biological materials, their collection, preservation and preparation. Prerequisite: fourteen hours of biology.

GENERAL ELECTIVES

Science 311. *Ornithology.* (2 hours).

Second semester. This course gives an additional opportunity to become acquainted with birds. The classroom will deal with migration, food, economic value, color phases and similar topics. Most of the work will be done out of doors to give first hand knowledge about the birds.—Mr. Roberts.

Science 312. *Garden Materials.* (2 hours).

Deals with soils, fertilizers, plant propagation, plant varieties and flower gardens.—Mr. Roberts.

SCIENCE 313. *Plants of Our Environment.* (2 hours).

Second semester. This course leads to an understanding of the contributions of plant to human life, of how plants reproduce and grow, of the contributions of botanical explorers, and of the work of various branches of the United States Department of Agriculture. It gives a knowledge of the plants of West Virginia.—Mr. Roberts.

SCIENCE 320. *Conservation of Appalachian Wild Life.* (2 hours).

First semester. This course desires to stress, in its local aspect, the importance of reforestation, stress flow and pollution, the use of marginal lands, National Forests and their recreational facilities, hunting and fishing with their attendant regulation as having to do with the tendency toward more leisure time.—Mr. Roberts.

CHEMISTRY

Mr. Rogers, Mr. Haught, Dr. Ward and Assistants

No person is considered officially enrolled in any laboratory course in Chemistry until he has paid the fee stated in the description of the courses below.

CHEMISTRY 101. *Introductory College Chemistry.* (4 hours).

First semester, M. W. F., 9:00. Laboratory T. and Th., 8:00, D. P. This is a first year college course in the fundamentals of the Science, applying chemical principles to many problems of everyday living. It is designed for students who have not taken chemistry in high school.

CHEMISTRY 102. *Introductory College Chemistry*—continued. (4 hours).

M. W. F., 9:00, Lab. T and Th. as for Chemistry 101. Prerequisite: Chemistry 101.

CHEMISTRY 103. *General Chemistry.* (4 hours).

First semester. This course is for those students who present a year of high school chemistry for entrance and who have already a fair knowledge of the essentials of Chemistry. M. W. F. at 8:00 and 9:00. Laboratory on T. and Th., 8:00-10:00. Laboratory Fee, $2.00.—Mr. Rogers.

CHEMISTRY 104. *General Chemistry.* (4 hours).

Second semester. A continuation of Chemistry 103. Same hours and days as Chemistry 103. Fee, $2.00.—Mr. Rogers.

CHEMISTRY 105. *Chemical Calculations.* (2 hours).

Second semester, T. Th., 11:00. A review and systematic study of the various types of arithmetic and algebraic problems met with in general, analytical and physical chemistry.—Mr. Haught.

CHEMISTRY 107-N. (2 hours).

Second semester, T. Th., 11:00. A review and systematic study of the various types.

CHEMISTRY 107-N. (2 hours).

Tuesday, 1:00-4:00. A course in elementary chemistry on college level. Less emphasis of the theories of inorganic chemistry and a larger attention to organic chemistry than in Chemistry 101. Especially designed for student nurses. Prerequisite: High School Chemistry.

CHEMISTRY 201. *Qualitative Analysis.* (3 hours).

First semester, M. at 1:00. Laboratory to be arranged. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104. Acid and basic analysis with study of theory involved. Fee, $2:00.

CHEMISTRY 240. *Quanitative Analysis.* (3 hours).

Second semester, Monday, 1:00. Laboratory hours to be arranged. Volumetric determinations, chiefly. Prerequisites: Chemistry 101 and 102. Mathematics 111 or 211. Fee, $2.00.—Mr. Rogers.

CHEMISTRY 301. *Organic Chemistry.* (3 hours).

First semester, 9:00, M. W. F. This is the first half of the fundamental course in organic chemistry. It is a systematic study of the aliphatic hydrocarbons and their derivatives. Chemistry 301 should be accompanied by Chemistry 302. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104; Chemistry 201.—Mr. Haught.

CHEMISTRY 302. *A Laboratory Course in Organic Chemistry.*

First semester, 1:00 to 4:00, Tuesdays. This course is designed to accompany Chemimstry 301. Prerequisites same as for Chemistry 301. Fee, $3.00.—Mr. Haught.

CHEMISTRY 303. *Organic Chemistry.* (3 hours).

Second semester. This course is a continuation of Chemistry 301 and is devoted largely to the organiaztion of study of the methods of preparation of the aromatic compounds. 9:00, M. W. F. Chemistry 304 should accompany Chemistry 303.—Mr. Haught.

CHEMISTRY 304. *A Laboratory Course in Organic Chemistry.* (1 hour).

Second semester. Tuesday, 1:00 to 4:00. This course is designed to accompany Chemistry 303 and deals with the preparation and purification of various aromatic compounds. Fee, $3.00.—Mr. Haught.

CHEMISTRY 401. *Quantitative Analysis.* (3 hours).

Second semester. Wednesday at 2:00. Laboratory hours to be arranged. Both volumetric and gravimetric determinations are made with emphasis on the underlying principles of each operation. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104; Chemistry 201 and Mathematics 211. Fee, $2.00.—Mr. Rogers and Assistant.

CHEMISTRY 403. *Seminar in Chemistry.* (1 hour).

First semester, Monday at 4:00. A study of Chemical literature, assigned readings, chiefly in scientific journals. Reports. Prerequisite: 12 hours of Chemistry. Omitted in 1944-45.

CHEMISTRY 404. *Seminar in Chemistry.* (1 hour).

Second semester, Monday at 4:00. This course is a continuation of Chemistry 403, but may be taken by an advanced student who has not had Chemistry 403. Omitted in 1944-45.

CHEMISTRY 405. *Physical Chemistry.* (3 hours.)

A general course in physical chemistry. Prerequisite: Physics, analytical and organic chemistry.

CHEMISTRY 406. *Physical Chemistry Laboratory.* (1 hour).

Experiments in vapor density and molecular weights. Fee, $3.00.

CHEMISTRY 407. *Physical Chemistry.* (3 hours).

Continuation of Chemistry 405. Second semester.

CHEMISTRY 408. *Physical Chemistry Laboratory.*

Experiments in physical constants, rate of reactions, electromotive force, etc. Fee, $3.00.

Chemistry 311. *Qualitative Analysis.* (4 hours).

First semester, M. & W. at 1:00, D. P., and additional laboratory to be arranged. Lab. Fee, $2.00.—Mr. Rogers.

Chemistry 340. *Quantitative Analysis.* (4 hours).

Second semester, M. & W. at 1:00, D. P. Additional laboratory work to be arranged. Gravimetric and volumetric methods of analysis. Prerequisites: Chemistry 102, Mathematics 111 or 211. Lab. Fee, $2.00.—Mr. Rogers.

DEPARTMENT OF EDUCATION

Dr. Shreve, Mr. Fleming, Mr. White, Mr. Hall, Miss Hull,
Miss Leonard, and Miss Gibson.

THIRD CLASS ELEMENTARY CERTIFICATE

(Standard Normal)

Required	12 hours
Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 250	3 hours

SECOND CLASS ELEMENTARY CERTIFICATE

Required	15 hours
Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 250	3 hours
Education 325	3 hours

FIRST CLASS ELEMENTARY CERTIFICATE

(Collegiate Elementary)

Required	20 hours
Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 325	3 hours
Education 330	2 hours
Education 420	6 hours
Electives (maximum allowed)	4 hours
Total	20-24 hours

Note: Education 250 may be substituted for 3 hours of education 420, if taken previously for a second or third class certificate.

THE PUBLIC SCHOOL CERTIFICATE

(The Single Curriculum)

Required		20 hours
Education 202	3 hours	
Education 203	3 hours	
Education 325	3 hours	
Education 326	2 hours	
Education 421	3 hours	
Education 425	6 hours	
Electives (maximum allowed)		6 hours
Total		20-26 hours

Note: Education 250, if taken previously, may be substituted for 3 hours of education 425: also, 204, if taken previously, may be substituted for 326.

HIGH SCHOOL CERTIFICATE

(New Outline)

Required		20 hours
Education 202	3 hours	
Education 203	3 hours	
Education 325	3 hours	
Education 332	4 hours	
Education 395	2 hours	
Education 450	5 hours	
Electives (maximum allowed)		4 hours
Total		20-24 hours

(Old Outline)

Required		15 hours
Education 331	3 hours	
Education 332	4 hours	
Education 435	3 hours	
Education 450	5 hours	
Elective		5-9 hours

Note: Students of sophomore rank will follow the new outline, beginning with September 1944; but students of junior rank will follow the old outline.

ELECTIVE COURSES IN EDUCATION

Education 324	2 hours
Education 390	3 hours
Education 430	3 hours
Education 444	3 hours
Education 450	3 hours

DESCRIPTIVE OUTLINES

EDUCATION 202. *Human Development and Adjustment.* (3 hours).

First and second semesters, 8:00, M. W. F. Required for all elementary certificates. Open to freshmen and sophomores. The central feature of this subject is a study of Human Growth and Development. Emphasis is given to the interrelation of the physical, mental, and emotional development of the child. Approximately one-third of the time is given to laboratory and field experiences in the form of observation and case studies of children and adolescents.—Dr. Shreve.

EDUCATION 203. *Human Development and Adjustment.* (3 hours).

First and second semesters, 9:00, M. W. F. Required for all elementary certificates. Open to freshmen and sophomores. This subject is a continuation of Education 202, with special emphasis on learning as a means of human growth and development. The laboratory and field experiences are continued as in Education 202. Prerequisite: Education 202.—Dr. Shreve.

EDUCATION 204. *Methods of Teaching in the Elementary School.* (3 hours).

First and second semesters, 8:00, M. W. F. Required for all elementary certificates. This study covers the primary and intermediate or upper grades, and deals with the fundamental principles of teaching in elementary schools. Prerequisites: Education 202 and 203.—Training Staff.

EDUCATION 220. *Rural Education.* (2 horus).

First semester, 11:00, T. Th. Elective for elementary certificates. Consideration is given to the major problems of the rural teacher, particularly to progressive trends in rural education.—Mr. Hall.

EDUCATION 250. *Observation and Directed Teaching.* (3 hours).

First and second semesters. Hours to be arranged. Required for the third and second class elementary certificates. Open to sophomores and juniors. The student will do observation and practice teaching under the supervision of the training supervisors. A minimum of 60 clock hours is required and not more than 30% of this time may be given to observation. An average of one quality point on all previous work is required for admission to this course. Prerequisites: Education 202 and 203.—Mr. Hall, Miss Hull, Miss Leonard, and Miss Gibson.

Note: Observation and teaching must be done on at least two levels: primary and intermediate or upper grades.

EDUCATION 324. *The State System and Program of Studies.* (2 hours).

First semester, 10:00, T. Th. Elective in all curricula. Required for first and second class elementary certificates of all students graduating under the old requirements. The principal topics are: constitutional provisions for education, the state department of education, the state board of education, the board of control, school revenues, the county board of education, the county superintendent, the certification, tenure, and retirement of teachers.—Mr. White.

EDUCATION 325. *Human Development and Adjustment.* (3 hours).

First and second semesters, 10:00, M. W. F. Required for all certificates, except the third class elementary. Open to juniors. HUMAN ADJUSTMENT is the central theme of this course. Emphasis is placed upon the development of a normal personality and to the prevention of maladjustments. Some attention is given to the methods of diagnosing and treating minor difficulties. Case studies will be made of normal pupils, and of pupils with minor maladjustments. Prerequisites: Education 202 and 203.—Dr. Shreve.

EDUCATION 326. *Primary Methods.* (2 hours).

First semester, 8:00, T. Th. Required in the Single Curriculum and elective in all elementary curricula. Open to juniors and seniors. This course consists of: observation in the primary division of the public schools, readings in primary education for the purpose of evaluating classroom activities, studying the fundamental principles of primary teaching, the direction of economic learning, and the selection of suitable subject matter for the primary grades. Prerequisites: Education 202, 203, and 325.—Miss Gibson.

EDUCATION 330. *The Psychological Principles of Teaching Elementary Subjects.* (2 hours).

Second semester, 8:00, T. Th. Required for first class elementary certificate. This course reviews and interprets a number of important investigations relating to methods of teaching in the elementary subjects. Special emphasis is placed upon the studies relating to reading, language, spelling, handwriting, and arithmetic. Prerequisites: Education 204 and Education 325.—Miss Hull.

EDUCATION 331. *Educational Psychology.* (3 hours).

First and second semester, 11:00, M. W. F. Open to college juniors and seniors. Required for secondary certificates. Major topics: The native equipment of high school pupils, the psychology of the learning processes, individual differences, transfer of training, psychology and social problems, the thinking processes, personality, and marks as measures of school work.—Dr. Shreve.

EDUCATION 332. *Principles of Teaching in Secondary Schools.* (4 hours).

First and second semesters, 3:00, M. T. W. F. Required for a high school certificate. Primarily for juniors. The aim of this study is to prepare the student for effective high school teaching. The point of view is that of directing the learning of high school pupils. A minimum of one hour a week of observation in the training school is required. Prerequisite: Education 331.—Mr. Fleming or Miss Hull.

EDUCATION 390. *The History of Education.* (3 hours).

First semester, 11:00, M. W. F. Elective in all curricula. A general survey of the development of education with emphasis on the modern period, and in the United States. Open to juniors and seniors. Prerequisites: Education 202, 203, and 325, or Education 331.—Mr. White.

EDUCATION 395. *Guidance in Secondary Schools.* (2 hours).

Second semester, 9:00, T. Th. Required in the secondary curriculum and electives in the single curriculum. Open to juniors and seniors. The point of view in this course is guidance at work in the secondary school. Attention is given to educational, vocational, and personnel guidance. Emphasis is given to the research in this field which provides a basis for initiating and operating guidance programs. Prerequisites: Education 202, 203, and 325.—Mr. Hall.

EDUCATION 420. *Observation and Directed Teaching in the Elementary School.* (6 hours).

First and second semesters, hours to be arranged. Required for first class elementary certificates. Open to seniors only.

Observation and teaching are required on, at least, two levels: primary and intermediate or upper grades. A minimum of 108 clock hours is required for the 6 hours credit. The maximum allowed for observation is 32 clock hours. These requirements may be met in one semester, if the student can devote two periods a day—or a double period—to this course. Otherwise, two semester will be required. Prerequisites: Education 202, 203, 204, and 330. Also, a point average of one in education and in all other courses taken previously.

Note: Education 250 may be substituted for 3 hours of Education 420, if taken previously for the third class elementary certificate.—Mr. Hall, Miss Hull, Miss Leonard, and Miss Gibson.

EDUCATION 422. *Integrated Methods, Grades 3-12.* (3 hours).

Second semester, 8:00, M. W. F. Required in the single curriculum. Open to seniors. As far as conditions will permit, this course is integrated with observation and practice teaching. An effort is made to get a longitudinal view of methods of teaching as they apply in the intermediate grades, the junior high school and high school. Attention is centered on the growth and development of the pupil through these grades, and the adjustment of methods of teaching to the continuous growth in the ability to learn. Prerequisites: Education 325 and Education 326.—Miss Leonard and Miss Hull.

EDUCATION 425. *Observation and Directed Teaching in the Single Curriculum.* (6 hours).

First and second semesters; hours to be arranged. Required for the public school certificate. Open to seniors only. Observation and teaching are required on three levels: elementary, junior high, and high school. A minimum of 108 clock hours is required for the six hours credit. The maximum allowed for observation is 32 clock hours. These requirements may be met in one semester, if the student can devote two periods a day—or a double period—to this course. A clock hour is interpreted to mean, at least, 50 minutes in the classroom. As a rule, two semesters will be required to earn the six hours credit. Marks earned on the elementary and secondary level must be reported separately to the registrar. Prerequisites: Education 325, 326, and 328. Also, a point average of one in education and in all other courses taken previously.—Mr. Fleming, Miss Hull, Miss Leonard, and Miss Gibson.

Education 430. *Tests and Measurements in the Public Schools.* (3 hours).

First semester, 1:00, M. W. F. Elective in all curricula. Open to juniors and seniors. The main topics are: statistical methods applied to education, the measurement of mental ability, standardized achievement tests and their uses, the construction of improvised tests, and marking systems. Prerequisites: Education, 9 hours of Educational Psychology.—Mr. White.

Education 435. *The Psychology of Secondary Education.* (3 hours).

First and second semesters; 9:00, M. W. F. Open to seniors only. This course attempts to apply the principles of psychology to secondary education. A study is made of the psychology of the high school pupil and of several of the high school subjects. Prerequisites: Education 331 and 10 hours credit in Education.—Dr. Shreve.

Education 444. *Statistical Methods Applied to Education.* (2 hours).

Second semester, 2:00, T. Th. Open to seniors in both the elementary and secondary curricula. The chief topics are: measures of central tendencies, measures of variability, and measures of relationship. Special attention is given to the use of the measures in collecting and interpreting educational data. —Mr. White.

Educational 450. *Observation and Directed Teaching in the Secondary School.* (5 hours).

First and second semesters; hours to be arranged. Open to seniors only. A minimum of 90 clock hours of observation and teaching is required, and not more than 30% of this requirement may be satisfied by observation. Prerequisites: Education 325 and 332; and a point average of one on the prerequisites in education, and a point average of one on all academic courses.—Mr. Fleming and Miss Hull.

Education 455. *The Philosophy of Education.* (3 hours).

Second semester, 11:00, M. W. F. Open to seniors only. Elective in both secondary and elementary curricula. Major topics: the child centered point of view, the social point of view, the function of the teacher and the school, and modern theories of learning. Prerequisites: A minimum of 10 hours in education and senior standing.—Mr. White.

ENGLISH

Miss Mason, Dr. Opp, Mr. Rhodes, Mr. Shurtleff,
Miss Tate, Mr. Turley, Mr. Wallman

State Requirements for Teachers in the field of English:

ENGLISH	24 Sem. Hrs. Minimum Required
Required Courses	
Composition—Oral and Written	10
Speech (2)	
English Composition (5)	
Suggested Electives:	
Advanced Composition or Exposition or	
Study of the English Language	
Literature	12
American Literature Survey (3)	
English Literature Survey (3)	
Suggested Electives:	
The Novel	
The Short Story	
The Drama	
Shakespeare	
The Essay	
Contemporary Literature	
Bible as Literature	
World Literature	
The Study of One Literary Period	
Study of Another Author	
(Maximum—3 hours in any subject)	
Special Activities	2
Library Science or Journalism	

ENGLISH

HIGH SCHOOL CERTIFICATES

ENGLISH		24 Sem. Hrs. Minimum Required
Composition—Oral and Written		10
Speech 101, 105, 337	2	
English 103, 107	5	
English 302, 321, 413	3	

Literature		12
English 213, 214	3	
English 401	3	
English 121, 223, 224, 225, 226, 313, 316, 318, 322, 391, 410, Speech 421	6	
(Maximum—3 hours in any one subject)		
Special Activities		2
Library Science 101, 202-A, 202-B	2	
English 241	2	

COURSES IN COMPOSITION AND LITERATURE

English 102. *Written and Spoken English.* (3 hours).

First semester, 11:00, M. W. F. Training in mechanics of writing and in use of reference books; attention to vocabulary building and to correct speech; short themes. Required in Single Curriculum and Curriculum B.—Miss Tate.

English 103. *Written English.* (3 hours).

First semester. First section, 8:00, M. W. F. Second section, 9:00, M. W. F. Third section, 11:00, M. W. F. Fourth section, 1:00, M. W. F. Fifth section, 2:00, M. W. F. This course is required. Training in punctuation, capitalization, spelling, the theme writing. Second semester, section 1:00, M. W. F. Summer term, 9:00, M. W. F. (D. P.).—Mr. Rhodes, Miss Tate.

English 104. *Written and Spoken English.* (3 hours).

Second semester, 11:00, M. W. F. Study of principles of writing—outlining, organizing, paragraphing; of accurate forms likely to be essential in future experience of student. Attention to speech, both formal and informal. Required in Single Curriculum and Curriculum B.—Miss Tate.

English 107. *Freshman English Composition.* (3 hours).

This course is required in college curricula. Designed to treat selection of material, organization of themes, and the developing of principles of writing. Prerequisite: English 103. Second semester, First section, 8:00, M. W. F. Second section, 9:00, M. W. F. Third section, 11:00, M. W. F. Fourth section, 1:00. Fifth section, 2:00.—Dr. Opp, Mr. Rhodes, Miss Tate.

English 121. *Narrative Poetry.* (3 hours).

Second semester, 1:00, M. W. F. A study of the principles of narrative poetry and of specific selections.—Mr. Rhodes.

ENGLISH 207. *Backgrounds of Literature.* (3 hours).

First semester, 9:00, M. W. F. A survey of the field of prose and poetry available and desirable for presentation to children; development of principles of selection and standards of evaluation; training in presenting poetry and stories. Required in Single Curriculum and Curriculum B.—Miss Tate.

ENGLISH 208. *Advanced Written and Spoken English.* (3 hours).

First semester, 1:00, M. W. F. Development of ability to communicate in clear, effective, correct English. Training in written composition and in speech. Prerequisites: English 102 and 104. Required in Single Curriculum and Curriculum B.—Mr. Wallman.

ENGLISH 213. *American Literature to 1860.* (3 hours).

First semester, 10:00, M. W. F. Summer 10:30 (D. P.). A general introduction to the different periods and the various types of American literature up to 1860.—Miss Tate.

ENGLISH 214. *American Literature from 1860 to Present Time.* (3 hours).

Second semester, 10:00, M. W. F. A continuation of English 213 giving survey from 1860 to present time. Largely a reading course.—Miss Tate.

ENGLISH 220. *Journalism (Advertising).* (3 hours).

Persons taking this course from the advertising staff of the Columns. Elementary principles of soliciting, advertising, and the writing of ads are studied. Laboratory periods. First semester, 10:00, M. W. F. Repeated second semester.—Miss Mason.

ENGLISH 223. *The Old Testament.* (3 hours).

10:00, M. W. F. The aim of this course is to indicate the main literary types found in the Old Testament.—Mr. Rhodes.

ENGLISH 224. *The New Testament.* (3 hours).

10:00, M. W. F. A continuation of Course 223 with careful study of the literary types and elements in the New Testament. The Testament courses are offered in alternate semesters.—Mr. Rhodes.

ENGLISH 225. *The Modern Novel.* (3 hours).

First semester, 8:00, M. W. F. Steady reading of the best British and American fiction of our times, with collateral study of the large literary movements in fiction.—Dr. Opp.

ENGLISH 226. *Modern British and American Poetry.* (3 hours).

Second semester, 8:00, M. W. F. Reading and study of contemporary poetry, American and British, and discussions and lectures on the new poetry movement.—Dr. Opp.

ENGLISH 241. *Journalism.* (3 hours).

First semester, 8:00, M. W. F. Work done is designed to enable students to read the daily newspaper intelligently and to acquire skill in newsgathering and newswriting. Repeated second semester.—Miss Mason.

ENGLISH 302. *Narrative and Descriptive Writing.* (2 hours).

First semester, 1:00, T. Th. Reading of models of narration and description in literature and training in writing. Prerequisite: English 107.—Miss Tate.

ENGLISH 313. *Shakespeare.* (3 hours).

First semester, 11:00, M. W. F. Reading of such plays of Shakespeare as will give the student some knowledge of the author's development in dramatic technique and character delineation, and such knowledge of the laws of dramtic art as is necessary for literary appreciation.—Mr. Rhodes.

ENGLISH 316. *Nineteenth Century Literature.* (3 hours).

Second semester, 11:00, M. W. F. A survey study of the essays, fiction, and the poetry of the nineteenth century.—Dr. Opp.

ENGLISH 318. *Modern Drama.* (3 hours).

Second semester and summer, 1:00, M. W. F. Study of many modern dramas—British, Continental and American.—Miss Tate.

ENGLISH 321. *A Study of the English Language.* (3 hours).

First semester, 1:00, M. W. F. A complete review of rules of spelling, grammar, diction, punctuation, sentence and paragraph structure, and forms of writing.—Miss Tate.

ENGLISH 322. *The Modern American Short Story.* (2 hours).

Second semester, 1:00, T. Th. A comprehensive study of this narrative form, stressing particularly the work of contemporary American writers in this field. Emphasis falls upon the technique used in the development of the modern tale.—Dr. Opp.

ENGLISH 341. *Journalism.* (2 hours).

First semester, 11:00, T. Th. News editing, headline writing and makeup are studied in this course. Prerequisite: English 241. Repeated second semester.—Miss Mason.

ENGLISH 351. *Study and Appreciation of English Literature.* (3 hours.).

First semester, 10:00. An introduction to the study and interpretation of poetry as illustrated in the work of representative English poets: Arnold, Byron, Browning, Milton, Tennyson, and Wordsworth. Some consideration will be given to the drama, novel, short story, and modern English poetry. Required in Single Curriculum.—Dr. Opp.

ENGLISH 361. *American Literature.* (3 hours.)

Second semester. 10:00, M. W. F. A study and appreciation of American Literature. Emphasis on the major authors from Franklin to Whitman. Required in Single Curriculum.—Miss Tate.

ENGLISH 391. *Guided Reading.* (1 hour).

Hours to be arranged. This course consists of reading according to the student's interest, tastes, and needs, of weekly conferences with the instructors, and of group discussions.—Mr. Shurtleff.

ENGLISH 401. *A Survey of British Literature.* (3 hours).

Second semester, 10:00, M. W. F. In this course the student is given a chronological survey of the entire field of British Literature from the earliest times down to the present.—Dr. Opp.

ENGLISH 410. *World Literature.* (3 hours).

Second semester, 2:00, M. W. F. This course embraces a careful reading and study of choice selections from many countries other than Great Britain and the U. S.—Mr. Shurtleff.

ENGLISH 413. *Expository Writing.* (2 hours).

Second semester, 1:00, T. Th. Designed to train in the writing of papers on themes of some difficulty. Prerequisite: English 103 or 107.—Miss Tate.

HEALTH AND PHYSICAL EDUCATION

Mr. Colebank, Miss White, Miss Troemel, and Mr. Wilson

State Requirements for Teachers in the field of Physical Education:

PHYSICAL EDUCATION	24 Sem. Hrs.
Required Courses	Minimum Required
Anatomy, Physiology, and Kinesiology	4 hours
Health Education and Hygiene	4 hours
Principles, Organization and Administration of Health and Physical Education	2 hours
Physical Inspection and Correction of Remedial Defects	1 hour
Theory and Practice of Physical Education as follows:	13 hours

	Men	Women
Team Sports Baseball, football, basketball, track and field, volley ball, speed ball, soccer, soft ball, touch football, field ball, field hockey and officiating.	5	5
Recreational Activities Swimming, archery, golf, tennis, badminton, table tennis, handball, boxing, wrestling, gymnastics, and apparatus.	3	3
School and Community Activities Games, first aid, camping and hiking, scoutmastership, and club leadership.	4	4
Rhythms Folk, natural, social, clog and tap dancing, marching and calisthenics.	1	3

HEALTH AND PHYSICAL EDUCATION

Minimum State Requirements

PHYSICAL EDUCATION	24 Sem. Hrs.
Anatomy, Physiology and Kinesiology, four or more from Biology 310, 311	4 hours
Health Education and Hygiene four hours from Physical Education 102, 205	4 hours

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* No credit in Physical Education shall be allowed for participation in intercollegiate sports.

Principles, Organization and Administration of Physical Education, two or more hours from Physical Education 358	2 hours
Physical Inspection and Correction of Remedial Defects, one hour from Physical Education 402	1 hour
Theory and Practice of Physical Education as follows:	13 hours

Team Sports, Five or more hours from Physical Education 103A, 103B, 103C, 105, 320, 321, 115.

Recreational Activities. Three or more hours from Physical Education, 103D, 107, 116, 209.

School and Community Activities. Four hours from Physical Education 250, 313.

Rhythms. One or more hours from Physical Education 130.

Requirements for College Course—(4 hours in Health and P. E.)

Physical Education 102	2 hours

Physical Education from Physical Education 105, 107, 250, 115, 116, 130, 224, 230, 400.

Requirements for Standard Normal Course	6 hours
P. E. 102	2 hours
P. E. 105	2 hours
P. E. 107	2 hours
P. E. 250	2 hours
P. E. 313	2 hours

For Men

Mr. Colebank, Mr. Wilson

PHYSICAL EDUCATION 102. *Physiology and Hygiene.* (2 hours).

First semester, 9:00, T. Th. The facts and principles of anatomy and physiology are taught in so far as they furnish some basis and reason for the more practical rules of hygiene. There will be numerous class-room demonstrations and reports.—Mr. Wilson.

PHYSICAL EDUCATION 103-A. *Football.* (1 hour).

First semester, 4:00, M. T. W. Th. Participation in the fundamentals of football.—Mr. Colebank and Mr. Wilson.

Physical Education 103-B. *Basketball.* (1 hour).

First semester, 4:00, M. T. W. Th. Participation in the fundamentals of basketball.—Mr. Colebank and Mr. Wilson.

Physical Education 103-C. *Baseball.* (1 hour).

Second semester, 4:00, M. T. W. Th. Participation in the fundamentals of baseball.—Mr. Colebank and Mr. Wilson.

Physical Education 103-D. *Tennis.* (1 hour).

Second semester, 4:00, M. T. W. Th. Participation in the fundamentals of tennis.—Dr. Lindley.

Physical Education 105. *Gymnasium and Team Sports.* (2 hours).

First semester, 11:00, M. T. W. Th. Applied Gymnasium, exercise, marching, soccer, softball, touch football, volley ball, speed ball, and other team activities.—Mr. Wilson.

Physical Education 107. *Recreational Games.* (2 hours).

Second semester, 11:00, M. T. W. Th. Badminton, Archery, Table Tennis, Handball, Boxing, Wrestling, and other individual activities.—Mr. Wilson.

Physical Education 115. *Team Games.* (1 hour).

First semester, 3:00, M. T. F. Includes Touch Football, Basketball, Volley Ball, Soccer, Softball.—Mr. Colebank.

Physical Education 116. *Individual Activities.* (1 hour).

Second semester, 3:00, M. W. F. Includes Archery, Badminton, Table Tennis, Handball, Boxing, Wrestling, Horseshoes, Foul Shooting.—Mr. Colebank.

Physical Education 118. *Military.* (2 hours).

First semester, M. W. F., 11:00 and 2:00. The two classes come together on Tu., 10:00. All men students are required to take this course. This course consists of military drill, military courtesies, manual of arms, calisthenics, and contact games and individual activities.—Mr. Colebank and Mr. Wilson.

PHYSICAL EDUCATION 119. *Military.* (2 hours).

Second semester, M. W. F., 11:00 and 2:00. The two classes come together on Tu., 10:00. Work and requirements same as 118 above.

The two courses 118 and 119 may be substituted for 105 and 107 for the duration of the war. Primarily this will concern only Physical Education Majors.

PHYSICAL EDUCATION 205. *Personal and General Hygiene.* (2 hours).

Second semester, 9:00, T. Th. Personal and General Hygiene as a means to improve the quality of human life. A biological approach to study ways of improving health and preventing disease and to help adjust ourselves socially.—Mr. Wilson.

PHYSICAL EDUCATION 112. *Swimming.* (1 hour).

First and second semesters. For beginners only, or those who have not learned to keep afloat in water.—Mr. Colebank.

PHYSICAL EDUCATION 212. *Intermediate Swimming.* (1 hour).

First and second semesters. Includes lessons in crawl, breast stroke, side stroke, deep water emergency tests and recreational activities.—Mr. Wilson.

PHYSICAL EDUCATION 131. *Social Dancing.* (1 hour).

First semester, 9:00, T. Th. Prerequisite: Women—Physical Education 111. Men—Consent of Instructor.—Miss Troemel.

PHYSICAL EDUCATION 231. *Folk Dancing.* (1 hour).

Second semester. See description with women's courses. Open to men and women.

PHYSICAL EDUCATION 250. *School and Community Games.* (2 hours).

Second semester, 2:00, M. W. F. Teaching of games for mass athletics, playground work, games for rural schools, recess periods, games primarily for grades one to eight.—Mr. Colebank.

PHYSICAL EDUCATION 133. *Tap Dancing.* (1 hour).

Physical Education 310. *Human Anatomy.* (3 hours).

First semester, M. W. F., 11:00, Lab. F., 1:00-3:00. This is an introductory course in the study of the human body. It is designed for teachers of biology, home economics and physical education. The chief systems of the body are study with reference to the work of teachers. Two periods a week will be devoted to lectures, recitations, discussions, etc. A double period each week will be given to laboratory work. Prerequisites: Biology 101 or 104 and 105.—Dr. Hunt.

Physical Education 311. *Kinesiology.* (3 hours).

Second semester, M. W. F., 11:00. This course involves a study of the human body as related to movement. It is offered primarily for students in physical education.—Dr. Hunt.

Physical Education 312. *Life Saving.* (1 hour).

Second semester. Includes practice in breaks, carries and other measures with a view to securing a Senior Red Cross Life Saving Certificate. Prerequisite: Swimming 212 or equal. —Miss Troemel.

Physical Education 313. *First Aid and Scoutmastership.* (2 hours).

First semester, 1:00, M. W. F. The skill of caring for injuries and preventive measures and the organization and handling of scout work.—Mr. Colebank.

Physical Education 320. *Coaching of Football.* (2 hours).

First semester, 1:00, T. Th. Topics considered: fundamentals of body and ball handling, passing, kicking, blocking, tackling, team offense and defense, formations and styles of play.—Mr. Colebank and Mr. Wilson.

Physical Education 321. *Coaching of Basketball and Baseball.* (2 hours).

Offered only in odd numbered years. Second semester, 1:00, T. Th. Topics considered: fundamentals of ball and body handling, passing, dribbling, team offense and defense, formations and styles of play. Baseball considers batting, fielding, position, play, offense and defense, and other procedures of play.—Mr. Colebank.

Physical Education 358. *Organization and Administration of Health and Physical Education.* (2 hours).

Second semester, 1:00, M. W. F. Administrative procedures in the conduct of health and physical education in relation to program, facilities, awards, staff, class details, finance, publicity, recreation, interscholastic and intramural athletics, organizations, and tests and measurements.—Mr. Wilson. Offered only in even numbered years.

Physical Education 402. *Correctives.* (1 hour).

First semester, 2:00, T. Th. Theory and practice in giving health examinations and aid in correcting certain defects.—Mr. Colebank.

WOMEN'S HEALTH AND PHYSICAL EDUCATION DEPARTMENT

Miss White, Miss Fitz Gibbons

Requirements—First or Second Teaching Field:

	State Requirements
Anatomy, Physiology and Kinesiology from Biology 310 and 311	4 hours
Health Education and Hygiene from Health Education 102 and 446	4 hours
Physical Inspection and Correction of Remedial Defects from H. E. 336	1 hour
Theory and Practice of Physical Education as follows:	13 hours
Team Sports from Physical Education 101, 123, 226	3 hours
Recreational Activities from Physical Education 112, 212, 224, 225, 401, 402	3 hours
School and Community Activities from Physical Education 222, 214, 223	4 hours
Rhythms from Physical Education 113, 131, 133, 231, 331	3 hours

General Requirements in Health and Physical Education For A. B. and B. S. Degrees and for B. A. in Education

Women students are required to take the equivalent of two hours of physical education for four semesters.

FIRST YEAR—

Hygiene 102	2 hours
Physical Education (not including 222)	1 hour

SECOND YEAR—

Physical Education (not including 222)	1 hour

Students electing this field are required to take Art 101 and Music 101 before the beginning of the Junior year. Students electing this field are required to take Biology 101 or 104 and 105 as prerequisites for Anatomy, Physiology and Kinesiology.

SERVICE COURSES

It is the desire of the Women's Physical Education Department to provide opportunity for all women to participate in sports and recreative activities and to receive instruction in such, according to their individual interests and needs. Classes in Swimming, Dancing, Archery, Golf, Tennis, Stunts and Tumbling. Recreational Games, Basketball, Softball, and others are open to all women on the campus. A description of these classes is included under Physical Education.

THE MODERN DANCE CLUB

An organization open to any girl interested in furthering her skill in contemporary dance technique.

INTRA-MURALS

The Women's intra-mural program consists of tournaments in Basketball, Volley Ball, Archery, Swimming, Bowling, and Recreational games. Opportunity for instruction as well as participation is provided. These activities are open to all women students.

THE SPLASHERS CLUB

An honorary social swimming organization open to women students who wish to further their swimming ability. Certain standards must be met for membership in the club and tryouts are given the first of each semester.

Note: For the duration of the war all women students are required to take one hour in an activity course each semester. The student may elect Physical Education courses according to her individual interests. Classes in Swimming, Dancing, Archery, Badminton, Golf, Tennis, Self-testing and Stunts, Recreational Games, Basketball, Softball and Conditioning Exercises are open to all women on the campus. A description of these courses is included under Physical Education.

Requirements for

1. Third Class Elementary Teachers Certificate (2 years).
2. Public School Certificate—Single Curriculum (4 years).

First Year—	
Freshman Orientation—P. E. 101	2 hours
Second Year—	
Rhythmic Activities—P. E. 131 or 133 or 231	1 hour
Leadership in Recreational Activities—P. E. 114	1 hour
Third and Fourth Years—	
Team Games—P. E. 123 or 226	1 hour
Individual and Dual Sports P. E. 112, 212, 224, 225, 401 or 402	3 hours

GENERAL INFORMATION CONCERNING COURSES IN HEALTH AND PHYSICAL EDUCATION

No student is considered officially enrolled in any activity course in Physical Education until he has had his Health Examination by the College Physician.

Students engaged in activity course adopt the costume required. Information as to securing the costume may be obtained from the department.

Students who desire to elect Physical Education as one of their teaching fields will follow the requirements for preparation for First or Second Teaching Fields. Each student in this field should consult the director of the department before completing his schedule at the beginning of his first year.

DESCRIPTION OF COURSES

HEALTH EDUCATION

HEALTH EDUCATION 102. *Personal and Community Health Education.* (2 hours).

First and second semesters. The purpose of this course is to help the student acquire attitudes, habits, and knowledge, favorable to attaining and maintaining the highest possible status of personal health and cooperation as a citizen in the community health program.

HEALTH EDUCATION 205. *Home Nursing.* (1 hour).

First and second semesters. This course deals with practical procedures in the care of a sick person in the home.

HEALTH EDUCATION. *Red Cross.*

Nurses' Aide Course.—Mrs. Young.

HEALTH EDUCATION 336. *Corrective and Reconstructive Physical Education.* (3 hours).

Second semester. This course deals with the theory of health examinations, the diagnosis and methods for correction of postural defects. Students are provided opportunity for practical experience in examining. Prerequisite: Biology 310.

HEALTH EDUCATION 446. *Health Education in Junior and Senior High Schools.* (3 hours).

First semester. A study of health habits, attitudes and knowledge; and their application on the secondary school level. Prerequisite: Biology 311.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 101. *Orientation in Physical Education.* (2 hours).

This course will consist of four clock hours per week. Part of the time will be spent in the classroom and part in the gymnasium. Emphasis will be placed upon giving the student an opportunity for improving his physical well-being through study of his health status and directed activity. Health problems and procedures as related to the school child will be pursued. Required of students pursuing Single Curriculum and Teaching Fields on elementary level.

PHYSICAL EDUCATION 112. *Beginning Swimming.* (1 hour).

This course includes practice in elementary swimming, diving, and safety tests, and is planned with a view to develop individual self confidence and enjoyment of water activities. First and second semesters.

PHYSICAL EDUCATION 113. *Beginning Modern Dance.* (1 hour).

A course which includes natural activities arranged in dance form with a study of the simple dance and music forms. First semester.

PHYSICAL EDUCATION 123. *Soft Ball and Volley Ball.* (1 hour).

First semester.

PHYSICAL EDUCATION 131. *Social Dancing.* (1 hour).

First and second semesters. This is a course in modern ballroom dancing for beginners. Fundamental, popular steps, and social usage are presented. Open to women and men.

PHYSICAL EDUCATION 133. *Tap Dancing.* (1 hour).

First semester. Clog and tap routines progressing in difficulty. Complete analysis of fundamental steps and original routines worked out. Open to women and men.

PHYSICAL EDUCATION 211. *Conditioning for Physical Fitness.* (1 hour).

First and second semesters. This course consists of planned exercises particularly of an active type, contests, and simple marching techniques. Emphasis is placed upon all around physical development. Open to all women.

PHYSICAL EDUCATION 212. *Intermediate Swimming.* (1 hour).

First and second semesters. A course for the purpose of increasing one's skill in the fundamental swimming strokes, in diving, and for the development of individual abilities and desires along the line of water sports. Prerequisite: Ability to swim in deep water.

PHYSICAL EDUCATION 214. *Leadership in Recreational Activities.* (1 hour).

In this course emphasis will be placed upon organizing groups for physical activities on the playground, in the gymnasium and in the classroom. Material suitable for age and grade level will be investigated. Required of students pursuing Single Curriculum and Teaching Fields on the elementary level.

PHYSICAL EDUCATION 222. *First Aid.* (1 hour).

Second semester. This course aims to give the student knowledge and skill necessary to care for such minor injuries as might occur on school gymnasiums, playgrounds, or athletic fields. The Standard American Red Cross Course is followed and a certificate is awarded to those fulfilling the requirements. This course may not be substituted for an activity course.

PHYSICAL EDUCATION 223. *Playground and Recreation.* (1 hour).

Second semester. A course dealing with the theory and practice of directing recreational activities for children, adults and mixed groups. Special emphasis is directed toward programs for small communities and rural areas. May not be substituted for an activity course.

PHYSICAL EDUCATION 224. *Archery.* (1 hour).

First and second semesters. A course of instruction in the fundamentals of Archery.

PHYSICAL EDUCATION 225. *Tennis.* (1 hour).

Second semester. This course deals with the fundamentals of Tennis. It is open to beginners and more advanced players.

PHYSICAL EDUCATION 226. *Basketball and Soccer.* (1 hour).

Second semester. This course consists of instruction in Basketball during the winter months, and Soccer in the spring. It is open to beginners and more advanced players.

PHYSICAL EDUCATION 231. *Folk Dancing.* (1 hour).

This course consists of instruction in folk dances of various countries. Emphasis is placed upon both the traditional and recreational values of this activity.

PHYSICAL EDUCATION 312. *Life Saving.* (1 hour).

This course is open to students who wish to prepare themselves for camp and pool water-safety positions. It includes practice in breaks, carries, and other safety measures with a view to securing a Senior Red Cross Life Saving Certificate. Prerequisite: Ability to execute the fundamental strokes and self confidence in the water.

PHYSICAL EDUCATION 315. *Technique of Swimming.* (1 hour).

A study of the teaching of water activities, including an analysis of major swimming strokes and of diving, and the fundamentals of water safety. It also includes details relating to water pageants, games and sports, and how to control sanitation. This course is especially planned for those intending to teach water activities.

PHYSICAL EDUCATION 316. *Self-Testing and Stunts.* (1 hour).

First semester. Individual and group stunts, tumbling and pyramid building.

PHYSICAL EDUCATION 331. *Intermediate Modern Dance.* (1 hour).

Second semester. This course includes a study of the more advanced dance patterns and music forms, as well as work in dance composition. Prerequisite: Course in Beginning Modern Dance or its equivalent.

PHYSICAL EDUCATION 335. *Methods of Teaching Physical Education on Secondary Level.* (2 hours).

First semester. Open to junior students, majors or minors in Physical Education. Members of the class participate in the organization and direction of selected Physical Education activities.

PHYSICAL EDUCATION 401. *Recreational Games.* (1 hour).

First semester. This course consists of badminton, deck tennis, shuffleboard, paddle tennis, ping pong, and other individual and dual sports. Open only to upper classmen—men and women.

PHYSICAL EDUCATION 402. *Golf.* (1 hour).

Second semester. Instruction in fundamentals of golf. Opportunity for playing on course in Spring. Open only to beginners.

PHYSICAL EDUCATION 421. *Organization and Administration.* (2 hours).

Second semester. This course deals with the problems and methods of organization and administration in health and physical education departments. It is open only to majors and minors in the department. Prerequisite: Physical Education 335.

HOME ECONOMICS

Nutrition, Foods and Home Cooking—Miss Richmond
Textiles and Clothing—Miss Compton

State Requirements for Teachers in the field of Home Economics:

	General 24 Sem. Hrs. Min. Required
HOME ECONOMICS	
Required Courses	
Foods and Nutrition	9
Textiles and Clothing, including Clothing Selection, Construction and Design	6
Applied Art, including Home Decoration and Furnishing	4
Home Management	3
Child Care and Development	2
Electives (Unrestricted)	
Art	4

Home Economics 101. *Elementary Clothing.* (3 hours).

First semester, M. W., 1:00-4:00. Two three-hour laboratory periods. This course deals with the principles of construction and practice in fundamental processes. Emphasis is placed upon suitability of material and economical purchasing.—Miss Compton.

Home Economics 102. *Clothing Selection and Construction.* (2 hours).

Second semester, 4 hours, M. W., 2:00-4:00. This course provides instruction in planning, buying, cutting, fitting, making of dresses and assembling the ensemble. Prerequisite: Home Economics 101.—Miss Compton.

Home Economics 104. *Principles of Clothing Design.* (2 hours).

Second semester, M. W., 1:00. This course includes the study of line, color and texture in relation to individual types. —Miss Compton.

Home Economics 105. *Clothing Reclamation.* (1 hour).

Second semester, T. Th., 9:00. Redesigning, redecorating, reconstructing and converting garments. Includes renovation and dyeing.—Miss Compton.

HOME ECONOMICS 201. *Elementary Foods.* (3 hours).

First semester, T. Th., 1:00-4:00. Application of recent theories of food preparation as they affect the nutritive value, flavor and appearance of food. Preservation and use of available foods under war conditions.—Miss Richmond.

HOME ECONOMICS 202. *Advanced Foods.* (3 hours).

Second semester, T. Th., 1:00-4:00. Continuation of Home Economics 201; also meal service with emphasis on cost in time and money.—Miss Richmond.

HOME ECONOMICS 203. *Children's Clothing.* (2 hours).

Second semester, M. W. F., 10:00. This course includes the planning, purchasing and making of children's clothing, considering hygiene, comfort, beauty, and practicability. Prerequisite: Home Economics 101.—Miss Compton.

HOME ECONOMICS 210. *Textiles.* (3 hours).

First semester, M. T. W. Th., 11:00. A course designed to give a knowledge of the important textile fibers, their manufacture, use and care.—Miss Compton.

HOME ECONOMICS 230. *Handcraft.* (2-3 hours).

First semester, M. W. F., 8:00. Practical leisure activities; weaving, knitting, crocheting and related crafts. Elective.—Miss Compton.

HOME ECONOMICS 303. *Nutrition.* (2 hours).

First semester, M. W., 8:00. Nutritive value of foods and their relation to health of adults and children. Materials and methods of popularizing the facts of nutrition in the community. Prerequisites: Home Economics 201 and 202, Chemistry 101 and 102. Open to non-majors by consent of instructor.—Miss Richmond. (This course certifies for the Red Cross Nutrition Certificate.)

HOME ECONOMICS 304. *Dietetics.* (3 hours).

Second semester, T. Th., 8:00-10:00. A qualitative and quantitative study of food selection for individuals, children and adults. Dietaries computed and executed. Prerequisites as for Home Economics 410. Especially recommended for home economics majors.—Miss Richmond.

HOME ECONOMICS 312. *Consumer Economics.* (2 hours).

Second semester, M. W., 10:00. The consumers wartime economic program; rationing, price ceilings, savings programs, sources of information on the care, repair and necessary purchases of household consumable goods.—Miss Richmond.

HOME ECONOMICS 315. *Home Management.* (3 hours).

Second semester, M. W. F., 9:00. A study of the management of the home, financial and mechanical.—Miss Compton, Miss Richmond.

HOME ECONOMICS 320. *Home Planning and Furnishing.* (4 hours).

First semester, M. W. F., 9:00 to 11:00. A study of the evolution of the house, modern houses, location, construction, from a scientific, sanitary, economic and artistic standpoint.—Miss Compton.

HOME ECONOMICS 330. *Child Care and Development.* (2 hours).

First semester, T. Th., 9:00. The care and development of the infant and preschool child from the standpoint of home and parent.—Miss Richmond.

HOME ECONOMICS 403. *Costume Design.* (2 hours).

Second semester, M. W. F., 8:00. A practical application in cloth of the designs created in Costume Design in Art Department. Prerequisite or Parallel: Art 403.—Miss Compton.

HOME ECONOMICS 406. *Home Economics Techniques.* (2 hours).

First semester, T. Th., 8:00. The philosophy of home economics and its historic background. Much thought is given to organiaztion of teaching materials; books, pamphlets, bulletins and illustrative material. Experience before the group in such techniques as demonstration and discussion leading.—Miss Compton and Miss Richmond.

HOME ECONOMICS 408. *Diet in Disease.* (3 hours).

HOME ECONOMICS 410. *Advanced Textiles.* (3 hours).

Second semester, M. T. W. Th., 11:00. Qualitative analysis of textile fabrics. The course includes microscopic study and chemical testing of textile fabrics.—Miss Compton.

HOME ECONOMICS 440. *Quantity Cookery.* (3 hours).

This course gives training in the selection, purchase and preparation of foods in large quantities. Menu making, food standards, food costs and food service will be stressed. Cafeteria and residence hall will be used for laboratory.—Miss Miller.

HOME ECONOMICS 441. *Institutional Management.* (2 hours).

First semester, M. W. F., 10:00. A study of the organization and management problems in food service units in institutions. Emphasis will be placed on Types of Management; Personnel problems; Records for control; Store-room procedure; Floor plans and routing; Equipment and Furnishings.—Miss Miller.

LANGUAGES

(Other than English)

Miss Ice, Miss Terry, Mr. Freed

FRENCH

Miss Ice, Miss Terry, Mr. Freed

State Requirements for Teachers in the field of French:

FRENCH	24 Sem. Hrs.**
Suggested Courses	Maximum Permitted
French Grammar and Composition	4
Modern Fiction since 1800	3
Drama of the 19th Century	3
Advanced Readings	6
Advanced Grammar and Pronunciation	3
Classical School	6
Oral French	3
French Literature	6
French Civilization and Culture	3

Two years high school French will substitute for French Courses 101 and 102. In such cases students should begin with French 203 and 221.

**2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

FRENCH 101. *Beginners' Course.* (3 hours).

First semester, 11:00, M. W. F. Pronunciation, early reading for comprehension of easy prose, elements of grammar, regular verbs and common irregular verbs, oral and written drill and composition.

FRENCH 102. *Elementary French.* (3 hours).

FRENCH 201. *Review Grammar and Composition.* (2 hours).

Second semester, 9:00, T. Th. The aim is to learn to use the language in easy idiomatic writing, with grammar as a means to this end. Prerequisites: French 101 and 102 or two units of high school French.

FRENCH 203. *Oral French.* (2 hours).

First semester, 9:00, T. Th. Pronunciation, oral reading, conversation. Prerequisites the same as for French 201.

FRENCH 221. *Modern Fiction since 1800.* (3 hours).

First semester, 10:00, M. W. F. Class and collateral reading in French of easy novels and short stories by well known French authors, stressing comprehension, appreciation of story and style, ad some understanding of general literary trends. Prerequisites: French 101 and 102, or two units of high school French.

FRENCH 222. *Drama of the Nineteenth Century.* (3 hours).

Second semester, 10:00, M. W. F. Reading of the plays of Corneille, Racine and Moliere with outside reports from the other writers. Prerequisites: Two years of college French or equivalent.

FRENCH 302. *Literature of the Eighteenth Century.* (3 hours).

Second semester, 9:00, M. W. F. Especial emphasis on the writings of Rosseau and Voltaire, with outside reading on the other writers. Prerequisites the same as for French 301.

FRENCH 309. *Advanced Grammar and Composition.* (2 hours).

First semester, 11:00. For Juniors and Seniors. Emphasis on grammar not only as something to be learned, but as something to be taught.

FRENCH 310. *Advanced Conversation.* (2 hours).

Second semester, 11:00, T. Th. Prepared talks and free conversation on subjects of practical interest in everyday life. For Juniors and Seniors.

FRENCH 341. *French Civilization and Culture.* (2 hours).

First semester, 10:00, T. Th. Prerequisite 16 hours of French or equivalent.

FRENCH 409. *Phonetics and Pronunciation.* (2 hours).

Second semester, 8:00, T. Th. Prerequisite: 18 hours of French.

FRENCH 412. *Contemporary Plays.* (2 hours).

FRENCH 421. *The Romantic Movement.* (3 hours).

First semester, 11:00, M. W. F. Emphasis on the poetry of Hugo, Lamartine, Vigny and Musset, with collateral reading of novels and plays. Prerequisite: French 301.

FRENCH 422. *French Literature since 1850.* (3 hours).

A continuation of French 421.

GERMAN

Miss Ice

GERMAN 101. *Beginners' Course.* (3 hours).

First semester, 10:00, M. W. F. Pronunciation, syntax, reading and composition.

GERMAN 102. *Elementary German.* (3 hours).

Second semester, 10:00, M. W. F. Continuation of German 101. Prerequisite: German 101 or one unit of high school German.

GERMAN 201. *Intermediate German.* (3 hours).

First semester, 9:00, M. W. F. Reading, composition, conversation. Prerequisites: German 101 and 102 or two units of high school German.

GERMAN 202. *Intermediate German.* (3 hours).

Second semester, 9:00, M. W. F. Continuation of German 201. Prerequisites: German 101, 102 and 201 or their equivalents.

LATIN

State Requirements for Teachers in the field of Latin:

LATIN		24 Semester Hours
Latin 101		
Latin 102, or		
two units of high school Latin.		
Background	2	
Latin 204		2
Latin 320		2
Composition	4	
Latin 312		2
Latin 314		2
Latin 318		2
Grammar	3	
Latin 201		3
Latin 202		3
Literature and History	11	
Latin 225		3
Latin 227		3
Latin 304		3
Latin 322		3
Latin 324		3
Latin 327		3
Latin 329		2-3
Latin 404		3

LATIN

Miss Terry

LATIN 101. *Introduction to Latin.* (5 hours).

First semester, M. T. W. Th. F., 11:00. This course is given as a prerequisite for law, medicine, ministry, business administration, etc. Equivalent of first year high school Latin.

LATIN 102. *Introduction to Latin.* (5 hours).

Second semester, M. T. W. Th. F., 11:00. Continuation of Latin 101. Equivalent to second year high school Latin.

LATIN 201. *Latin Translation.* (3 hours).

First semester, M. W. F., 8:00. This is a translation course with review of syntax introduced in first year. Additional drill on subjunctives, participles and indirect discourses. Prerequisites: 101-102 or two years of high school Latin.

Latin 202. *Latin Translation.* (3 hours).

Second semester, M. W. F., 8:00. A continuation of Latin 201.

Latin 204. *Roman Civilization.* (2 hours).

Second semester, T. Th., 8:00. Comparison of arts, sciences, manners, customs, social and political life of Romans and Americans. References in both Latin and English.

Latin 225. *Cicerco's Orations.* (3 hours).

First semester, M. W. F., 9:00. Translation of Four Orations against Catiline and Pro Archias.

Latin 227. *Cicero's Essays.* (3 hours).

Second semester, M. W. F., 9:00. Cicero's De Amicitia and De Senectute.

Latin 304. *Horace.* (3 hours).

Second semester, M. W. F., 1:00. Translation of the most important Odes and Epodes of Horace.

Latin 312. *Latin Composition.* (2 hours).

First semester, T. Th., 9:00. Drill on Latin syntax and composition.

Latin 314. *Latin Composition.* (2 hours).

First semester, T. Th., 9:00. Continuation of Latin Composition.

Latin 320. *Myths and Legends of Greeks and Romans.* (2 hours).

First semester, T. Th., 8:00. Myths read in both English and Latin. Study of Mythological references in English Literature. Place of mythology in modern life.

Latin 322. *Virgil.* (3 hours).

First semester, M. W. F., 1:00. Study of epic scansion and dactyllic hexameter. Translation of Books I-III Aenid. Prerequisites.

Latin 324. *Virgil* (continued). (3 hours).

Second semester, M. W. F., 1:00. Books IV-VI Aenid. Prerequisites.

Latin 327. *Roman History.* (3 hours).

First semester, M. W. F., 10:00. Readings in Latin from Cato, Sallust, Tacitus, Suetonius. References in English.

Latin 329. *Pageant of Poetry and Prose.* (3 hours).

First semester, M. W. F., 1:00. Trace beginnings of Latin poetry and prose from Cato to post-Augustan writers. Stress golden age of Latin literature. These are both in Latin and translation.

Latin 331. *Medieval Latin.* (3 hours).

Second semester, M. W. F., 1:00. A study of Latin works from the fourth century to the Early Renaissance in literature, history and philosophy. The rapid reading of relatively easy Latin designed to develop speed and to correlate Classical Latin with the modern languages.

Latin 404. *Plautus and Terence.* (3 hours).

Second semester, M. W. F., 10:00. Latin plays, study of Latin tragedy and comedy, classical unities and peculiarities of Old Latin translations.

Latin 427. *Livy.* (3 hours).

First semester, M. W. F., 10:00. Translation of selections from Ab Urbe Condita Libri, Books I, V, XXI, XXII, XXX and study of the early history of Rome.

SPANISH

Spanish 101. *Elementary Spanish.* (3 hours).

First semester, 2:00, M. W. F. Grammar, pronunciation, composition, conversation, dictation. No credit toward graduation is given for Spanish 101 without Spanish 102.

Spanish 102. *Elementary Spanish* (continued). (3 hours).

Second semester, 2:00, M. W. F. Prerequisite: Spanish 101.

Spanish 201. *Modern Spanish.* (3 hours).

First semester, 9:00, M. W. F. Rapid reading, review of grammar, composition and conversation. Prerequisites: Spanish 101 and 102 or two years of high school Spanish.

SPANISH 202. *Modern Spanish* (continued). (3 hours).

Second semester, 9:00, M. W. F. Prerequisite: Spanish 201.

SPANISH 221. *Intermediate Composition and Conversation.* (2 hours).

First semester, 8:00, T. Th. Prerequisite: Spanish 201.

SPANISH 222. *Intermediate Composition and Conversation* (continued). (2 hours).

Second semester, 8:00, T. Th. Prerequisite: Spanish 221.

SPANISH 301. *Nineteenth Century Literature to 1870.* (3 hours)

First semester, 10:00, M. W. F. Lectures, selected reading and reports.

SPANISH 302. *Contemporary Literature.* (3 hours).

Second semester, 10:00, M. W. F. Spanish literature since 1898.

SPANISH 340. *Spanish American Literature.* (3 hours).

First semester, 1:00, M. W. F. Study of Spanish American history and culture through its literature.

SPANISH 341. *Spanish American Literature* (Continued). (3 hours).

Second semester, 1:00, M. W. F.

SPANISH 421. *Literature of the Golden Age.* (3 hours).

First semester, 11:00, M. W. F. Origin and development of drama through the Golden Age, Lope de Vega, Calderon and the early novel with selections from Cervantes.

SPANISH 422. *Spanish Drama since the Golden Age.* (3 hours). Second semester, 11:00, M. W. F.

SPANISH 327. *Advanced Conversation and Composition.* (2 hours).

Second semester, 10:00, T. Th.

LIBRARY METHODS

Miss Parsons

LIBRARY METHODS 101. *The Use of the Library.* (2 hours).

First semester, 11:00, T. Th. Library Methods 101-A is a course planned to acquaint students with the resources of the library and to enable them to use this material efficiently. It covers the first nine weeks of the semester, and one hour credit is given.

Library Methods 101-B continues the study of library resources and includes reference material in special fields. It covers the last nine weeks of the semester. Prerequisite: Library Methods 101-A.

LIBRARY METHODS 202. *The School Library.* (2 hours).

Second semester, 2:00, T. Th. Library Methods 202-A includes a study of the selection of books, magazines, and other library materials useful to teachers. This will be given in the first nine weeks of the semester. One hour credit will be given for this part of the course.

Library Methods 202-B includes a study of simple methods of organization and management of the small school library. For the teacher-librarian. This will be given in the last nine weeks of the semester. Prerequisite: Library Methods 202-A.

LIBRARY METHODS 304. *Practice Work.* (2 hours).

Hours to be arranged. Prerequisite: Library Methods 202. Individual work based on student's previous experience and related to student teaching when possible. Part of this work is done at the college and part in the training schools.

MATHEMATICS

GENERAL REQUIREMENTS—High School Certificate

22 Semester Hours

Two semester hours may be deducted for each high school unit with a maximum deduction of six hours for the following courses. One unit of Elementary Algebra, one unit of Plane Geometry, one-half unit for Intermediate Algebra, Advanced Algebra, and Solid Geometry.

Remaining requirements may be made up from the following courses:

Advanced Algebra	2 hours
Solid Geometry	3 hours
College Algebra	4 hours
Plane Trigonometry	3 hours
Analytic Geometry	4 hours
Mathematical Theory of Statistics	3 hours
Calculus	8 hours
Differential Equations	3 hours
Theory of Determinants and Analytics of Space	3 hours

MATHEMATICS

Mr. McCarty, Mr. Shutts

MATHEMATICS 107. *Mechanical Drawing.* (3 hours).

First semester, 1:00-4:00, M. W. F. A study of the care and use of drawing instruments, lettering, mechanical and perspective drawing, tracing, blue printing, and orthographic projections. (See Art 105).—Staff.

MATHEMATICS 111. *Review Algebra.* (2 hours).

Each semester, 11:00, M. W. F. This course is designed for applicants who haven't had much high school mathematics and need a review before studying the college algebra. The first six weeks will be spent in reviewing elementary algebra and plane geometry. After that the advanced algebra will be presented.—Mr. Shutts.

MATHEMATICS 113. *Mechanical Drawing.* (1 hour).

First or second semester, 1:00-3:00, T. Th. A continuation of the principles of engineering drawing. Emphasis to be placed on orthographic projection, perspective, isometric drawing including practical problems.—Staff.

MATHEMATICS 121. *Solid Geometry.* (3 hours).

First semester, 9:00, M. W. F. This course is open to students not offering this subject as entrance credit. Emphasis is placed upon original exercise, construction and the nature of mathematical proof.—Mr. Shutts.

MATHEMATICS 131. *Descriptive Geometry.* (3 hours).

Second semester, 2:00-4:00, M. W. F. The aim of this course is to give a thorough knowledge of the methods and devices employed in development of the subject, including a thorough treatment of coordinate planes, coordinates, orthographic projections, projections, point of sight, views, etc. Prerequisites: Mechanical Drawing and Solid Geometry.—Mr. Shutts.

MATHEMATICS 203. *Practical Arithmetic.* (2 hours).

First and second semesters, 8:00, T. Th. Required of all students seeking elementary certificate. It is a general review course of the principles, processes, and methods of arithmetic—much drill is given in the solution of problems. Not open to Mathematical majors.—Mr. Shutts.

MATHMATICS 205. *General Mathematics.* (4 hours).

Each semester, 8:00, M. W. F. This course is designed for those wishing to meet the mathematical requirement for elementary certification. The aim of this course is to give a thorough review of the processes and principles of elementary mathematics that will equip the teacher to handle the subject in the upper grades. The course will include a study of common fractions, decimals, percentages, interest, ratio, proportion, graphs, simple equations, the formula and intuitive geometry.—Mr. Shutts.

MATHEMATICS 213. *Business Mathematics.* (3 hours).

First semester, 10:00, M. W. F. This course is designed for those interested in business administration and teachers who wish 6 hours in elementary mathematics. It includes the fundamentals of arithmetic and algebra, logarithms, and functions as applied in the study of interest, bonds, stocks, annuities, etc.—Mr. McCarty.

MATHEMATICS 221. *College Algebra.* (4 hours).

First and second semester, 11:00, M. T. W. F. A study of the general quadratic and simultaneous quadratic equations, progressive, variations, logarithms, mathematical induction, functions, theory of equations, permutations, combinations, and determinants.—Mr. McCarty.

MATHEMATICS 231. *Plane Trigonometry.* (3 hours).

First and second semesters, 9:00, M. T. W. F. The development and use of trigonometric functions and relations between functions, logarithms and the solution of triangles.—Mr. McCarty.

MATHEMATICS 241. *Plane Surveying.* (3 hours).

First semester, 1:00, M. W. F. This course will include a study of spherical trigonometry, as well as a general treatment of the elementary principles and methods of plane surveying, including both field work and office work. Prerequisite: Mathematics 231.—Mr. Shutts.

MATHEMATICS 251. *Analytic Geometry.* (4 hours).

Second semester, 9:00, M. W. Th. F. A brief treatment of the system of coordinates, geometric magnitudes, loci and their equations.—Mr. McCarty.

MATHEMATICS 261. *Mathematical Theory of Statistics.* (3 hours).

Second semester, 10:00, M. W. F. An introductory course for those interested in business administration. The course includes computation of statistical measurements, methods of collecting and analyzing data and the interpreting of results.—Mr. McCarty.

MATHEMATICS 311. *Spherical Trigonometry.* (3 hours).

First semester, M. W. F. The purpose of this course is two-fold: to provide a thorough knowledge of spherical trigonometry and to acquaint the student with some of the problems encountered in Astronomy and in the navigating of aircraft and surface vessels. Prerequisite: Mathematics 231.—Mr. Shutts.

MATHEMATICS 321. *Differential Calculus.* (4 hours).

First semester, 8:00, M. T. W. F. An extensive treatment of the ideas of calculus as applied to limits, differentiation of algebraic and transcendental functions. Prerequisite: Mathematics 305.—Mr. McCarty.

MATHEMATICS 331. *Integral Calculus.* (4 hours).

Second semester, 8:00, M. T. W. F. A continuation of Mathematics 321 including thorough treatment of the integral.—Mr. McCarty.

MATHEMATICS 401. *Differential Equations.* (3 hours).

First semester, 10:00, M. W. F. A brief study of differential equations and their application. Prerequisite: Mathematics 331.—Mr. Shutts.

Mathematics 411. *Advanced Calculus.* (3 hours).

Second semester, 10:00, M. W. F. A continuation of differentiation and integration, partial differentiation and its application, the gamma and beta functions, power series and Fourier series. Prerequisite: Mathematics 331.—Mr. Shutts.

Mathematics 421. *Descriptive Astronomy.* (3 hours).

First semester, 1:00, M. W. F. The aim of this course is to study the application of mathematics in the solutions of the simple problems of astronomy. Prerequisite: Mathematics 251.—Mr. Shutts.

Mathematics 431. *Theory of Determinants.* (3 hours).

Second semester, 9:00, M. W. F. A continuation of the study of determinants, and analytics of space. Prerequisite: Mathematics 331.—Mr. Shutts.

Mathematics 441. *Introduction to Higher Algebra.* (3 hours).

Second semester, 1:00, M. W. F. A continuation of the study of the theory of equation, solution of the cubic, quadric, and numerical equations, complex numbers and the fundamental concepts of algebra, class, group field, number. Prerequisite: Mathematics 31.—Mr. McCarty.

Mathematics 451. *History of Mathematics.* (2 hours).

Second semester, 2:00, T. Th. A study of the development of Mathematics including a study of the solution of some of the chief problems of Mathematics. Open only to those who have completed Mathematics 331.—Staff.

MUSIC

State Requirements for Teachers in the field of Music:

MUSIC	24 Semester Hours
Theory	6
Music 101	
Music 225	
Music 250	
Music 411	
Music 412	
Applied Music	9
Music 420	
Music 421	

Music 422
Music 423
Music 425
Music 426
Music 427
Music 428
Music 260
Music 263

Appreciation Music 301, 302, 305	3
Conducting Music 304, 403 Music 408	6

MUSIC

Mary B. Price, Ruth Staley, John T. Evans

The courses in Music required in curricula for the preparation of teachers in the Primary and Intermediate grades, Junior High and Rural Schools, are listed as Music 101, 201 and 305. These courses must be taken in consecutive order unless special arrangements are made with instructors.

Students who desire to elect Music as one of their teaching fields will follow the requirements for the preparation of Music Majors or Minors for a certificate which requires a minimum of 24 semester hours. Such student in this field must consult the head of the music department before launching his schedule at the beginning of his first year.

MUSIC 101. *Elementary Music.* (2 hours).

Offered during each semester and summer term. This course deals with rudiments of music and includes a study of the terminology of music, scale building, rhythm problems and the use of syllables in sight singing. Required of all students taking the curricula for Elementary Grades, Junior High, Rural Schools, and all Music Majors and Minors.—Miss Staley.

MUSIC 150. *Orchestra.* (1 hour).

Offered during first and second semesters of each school year. The school maintains an orchestra which rehearses twice a week. Students who play orchestral instruments are urged to contact the director. All Music Majors and Minors will be required to observe and participate in this organiaztion by assignment from the head of the department.—Mr. Evans.

MUSIC 160. *Band.* (1 hour).

Offered during first and second semesters of each school year. The band is divided into two units; the concert band which is open to men and women and the marching band for men only. The band is uniformed and plays for games and other student activities, as well as community parades, etc. It rehearses regularly with time given to all types of band music. All men and women students who choose music as a Major or Minor are urged to participate in this organization.

MUSIC 201. *Music Methods for Grades 1 to 6.* (2 hours).

Offered each semester and summer term. Required of all students taking the curricula for Primary and Intermediate grades. Junior High and Rural Schools, and Music Majors and Minors. Materials and Methods for dealing with the child voice and a comparative study of the various phases of music in the public schools, will be the basis for this course. Prerequisite: Music 101.—Miss Price.

MUSIC 212. *Principles and Methods of Teaching Music.* (2 hours).

This course is designed for special teachers of music and is more detailed in technicalities than is Music 201. Required of all Music Majors and Minors.—Miss Price.

MUSIC 225. *Ear Training.* (3 hours).

A study of tone and rhythm applied to elementary harmony and melody writing, gaining power to recognize, visualize, sing and write melodic phrases in all keys.—Miss Staley.

MUSIC 250. *Sight Singing.* (2 hours).

This course requires facility in reading at sight part songs, standard choruses, anthems, chants, etc. Prerequisites: Music 101 and 225.—Miss Price.

MUSIC 301. *Music Appreciation.* (3 hours).

This course is designed to broaden the student's knowledge of music and to become familiar with the best music included on concert and radio programs. The presentation stresses the development of folk music as a basis of all music and as types of musical literature—thus providing a broader and more cultural understanding of music as an art. Required of all Music Majors and Minors, and may be elected by any college student without a prerequisite. However, it is to the student's advantage to have some musical background.—Miss Price.

MUSIC 302. *Music History.* (3 hours).

A general survey of musical history extending from prehistoric man to the present time. The progressive development of music down through the ages is traced and the style and works of the outstanding musicians studied with recorded illustrations. Required of Music Majors and Minors.—Miss Staley.

MUSIC 304. *Orchestral Materials and Conducting Methods.* (2 hours).

Principles and methods of conducting with much practical experience in handling the baton. Selection of music for instrumental groups, conducting and management. Required of Music Majors and Minors.—Mr. Evans.

MUSIC 305. *Music Appreciation for Elementary Teachers.* (2 hours).

Offered each semester and summer term. This course is required of all students pursuing the curricula for Elementary grades, Junior High and Rural Schools, and Music Majors and Minors. Proper attention will be given to the presentation of material through all the Elementary grades. Emphasis is placed upon the use of material to give children a richer background of rhythmic experiences and a background which will enable them to develop a love for good music. Prerequisites: Music 101 and 201.—Miss Price.

MUSIC 350. *Chorus.* (1 hour).

Offered each semester. A group of students who enjoy singing, make up the mixed group known as the College Choristers, singing standard part songs. Special programs for chapel and broadcasting are presented throughout the year. Open to all students.—Miss Staley.

MUSIC 351. *Girls' Choral Club.* (1 hour).

Offered each semester. Each year a limited number of girls are selected after tryouts and make up this organization. The club sings the best part songs for women's voices and presents programs for various occasions throughout the year.—Miss Price.

MUSIC 352. *Men's Glee Club.* (1 hour).

Offered each semester. A limited number of men will be selected, after tryouts, to form this organization. The club will study part songs and present programs for various occasions throughout the year. Music 101 and 350 are recommended as prerequisites to men who do not read music.—Mr. Evans.

MUSIC 403. *Conducting.* (2 hours).

The routine and technique of choral conducting, the study of the organization and administration of choral work, selecting of material, seating of chorus, preparation for rehearsal, training of accompanist. Each member of the class will have frequent practice in conducting choral selections and playing the piano accompaniments. Prerequisite: Music 304.—Miss Price.

MUSIC 408. *Orchestral Materials and Conducting.* (2 hours).

Advanced principles and methods of conducting with much practical experience in handling the baton, and conducting instrumental groups assigned by instructor—band, orchestra, etc. Prerequisites: Music 304 and 403, and required of all Music Majors and Minors.—Mr. Evans.

MUSIC 411. *Beginning Harmony.* (3 hours).

Admission to this course requires a working knowledge of the rudiments of music. A study is made of the nature and application of the triads, dissonant harmony and remote modulation with special emphasis placed on original composition. Prerequisites: Music 101, 225 and 250.—Miss Staley.

MUSIC 412. *Harmony.* (3 hours).

A continuation of Music 411. A study is made of all the forms of dissonant harmony, the principles governing the uses of chromatic harmony, and remote modulation with special emphasis placed on original composition. Prerequisite: Music 411.—Miss Staley.

MUSIC 430. *Materials and Methods of Teaching Piano.* (1 hour).

A course for students who have some background in the study of piano and are interested in teaching. Consideration of modern piano methods, correct habits of study and performance, selection and organization of materials. Analysis and solutions of individual problems. Lectures and illustrations in technique, sight reading, memorizing and the adult beginner. Some practical observations of actual teaching of pupils will be made as often as it is practicable.—Mr. Evans.

Music Education 431. *Teaching of Music in the Junior and Senior High School.* (2 hours).

A study is made of all the problems involved in the teaching of music subjects and the organizing of choruses, glee clubs, orchestra, and bands in the high schools. Selection, preparation, and presentation of all types of music programs and entertainment.—Miss Price.

INSTRUMENTAL MUSIC

Music 234. *Class Instruction in Piano.* (1 hour).

This is a course for beginners in piano and also recommended to students preparing to teach piano. The course will start with the fundamentals of piano playing and go as far as possible in one semester. The class will meet two hours each week and the student is expected to practice at least five hours a week in addition to the lesson period.—Miss Staley.

Music 260-263. *Instruments of Band and Orchestra.* (1 hour).

This course is for beginners on band and orchestra instruments and is open to any student who would like to learn to play. All music Majors and Minors are required to take this course.—Mr. Evans.

APPLIED MUSIC

All Music Majors and Minors are required to complete a minimum credit of nine hours in Applied Music including Vocal, Piano and other Instruments. A special fee is charged for applied music.

Music 420-423. *Voice.* (1 hour). Periods to be arranged.

A student majoring or minoring in music must apply, toward his degree, credit of not less than three hours in this course. The student takes one private lesson (1 hour period) each week. He is expected to practice and study at least six hours a week.—Miss Price.

Music 425-428. *Piano.* (1 hour). Periods to be arranged.

A student majoring or minoring in music must apply, toward his degree, credit of not less than three hours in this course. The student takes one private lesson (1 hour period) each week. He is expected to practice and study as directed by the instructor.—Mr. Evans.

PHYSICAL SCIENCE

Mr. Rogers, Mr. Haught, Dr. Ward and Assistants

State Requirements for Teachers in the field of Physical Science:

PHYSICAL SCIENCE	24 Sem. Hrs.
Suggested Courses	Minimum Required
Chemistry	12
General Chemistry	
Inorganic Chemistry	
Qualitative Analysis	
Organic Chemistry	
Food Analysis of Dairy Chemistry	
Physics	8
General Physics	
Radio Telegraphy and Telephony	
Photography	
Light	
Mechanics	
Heat	
Electricity	
Modern Physics	
Electives (Unrestricted)	4

Physics 101, General Physics	3 Hours Required
Physics 102, General Physics Lab.	1 Hour Required
Physics 103, General Physics 3 Lab.	3 Hours Required
Physics 104, General Physics Lab.	1 Hour Required
Physics 202, Photography	2 Hours Required
Physics 301, Electricity and Magnetism	3 Hours
Physics 302, Electricity and Magnetism Lab.	1 Hour
Physics 303, Magnetism and Electricity Alternating Currents	3 Hours
Physics 304, Magnetism and Electricity Alternating Currents Lab.	1 Hour
Physics 403, Advanced Light	3 Hours
Physics 404, Advanced Light Lab.	1 Hour

PHYSICS

Mr. Haught

All courses offered in Physics are recommended for students taking Chemistry and Physics as teaching subjects.

No person is considered officially enrolled in any laboratory course in Physics until he has paid the fee stated in the description of the course.

PHYSICS 101. *General Physics.* (3-4 hours).

First semester, 10:00, M. W. F. It is the aim of this course to familiarize the students with many of the facts and laws of mechanics, meterology, and heat, as well as to train in the methods of science and scientific thinking.

PHYSICS 102. *Laboratory.* (1 hour).

First semester, 1:00 to 3:00, T. or Th. This is a laboratory course to accompany Physics 101. The course consists of the performance of 12 to 15 experiments in the field of mechanics and heat. Fee, $2.00.

PHYSICS 103. *General Physics.* (3-4 hours).

Second semester, 10:00, M. W. F. A study of the phenomena and laws of sound, light, magnetism and electricity. Prerequisites: Physics 101 and 102.

PHYSICS 104. *Laboratory.* (1 hour).

Second semester, 1:00, to 3:00, T. or Th. A laboratory course to accompany Physics 103 with the same general requirements as Physics 102. Fee, $2.00.

PHYSICS 202. *Photography.* (Formerly Physics 402). (2 hours).

Second semester, T., 9:00 and Laboratory M., 1:00-3:00. Prerequisites: 101, 102, 103, 104. Fee, $3.00.

PHYSICS 301. *Electricity and Magnetism.* (3 hours).

First semester, M. W. F. A more advanced study of the properties and measurements of electric currents than was made in Physics 103.

PHYSICS 302. *Laboratory.* (1 hour).

First semester, 1:00 to 4:00, T. or Th. This is a laboratory course designed to accompany Physics 301. The course includes the performance of several experiments in electricity. Fee, $3.00.

PHYSICS 303. *Magnetism and Electricity, Alternating Currents.* (3 hours).

PHYSICS 304. *Laboratory.* (1 hour).

A laboratory course designed to accompany Physics 303. Fee, $3.00.

Physics 403. *Advanced Light.* (3 hours).

This course deals with the principles of optics, photography, and the modern theories of light.

Physics 404. *Laboratory.* (1 hour).

A laboratory course designed to accompany physics 403. Fee, $3.00.

PSYCHOLOGY

Dr. Shreve

Psychology 103. *General Psychology.* (3 hours).

First semester, 1:00, M. W. F. Open to freshmen and sophomores. A study is made of the principles of psychology and their application to life situations. The major topics are: methods of studying psychology, motivation, emotions and their control, the special senses and their uses, learning and the management of learning, how to think, individual differences, intelligence and its measurement, selecting a vocation, adjustment to social life, and the nervous system and its functions.

Psychology 105. *Applied Psychology.* (3 hours).

Second semester, 1:00, M. W. F. Open to freshmen and sophomores. Consideration is given to the application of psychology to the solution of practical problems. The major topics are: adjustments to college life, safe driving, athletics, motivation, methods of studying, use of the library, leadership and winning friends, social problems, law, medicine, education, industry and commerce. Prerequisite: Psychology 103.

Psychology 321. *The Psychology of Childhood.* (3 hours).

First semester, 2:00, M. W. F. Open to sophomores and juniors. The major topics are: methods of studying child psychology, how children learn, behavior of infants, growth and the development of physical and motor capacities, the development of language and the mental functions, growth of intelligence, emotional behavior, interests and motives, social development, moral development, personality traits and development, physical and mental hygiene, the guidance and control of child behavior. Prerequisite: Psychology 103.

Psychology 325. *Mental Hygiene.* (3 hours).

Second semester, 2:00, M. W. F. Open to sophomores and juniors. This study is a general introduction to the field of mental hygiene. The major topics are: the nature and scope of mental hygiene, the nature of mental disease, the prevention of mental disorders, the promotion of mental health, and the development of a well-integrated personality. Prerequisite: Psychology 103.

EDUCATION 104N. *Psychology for Nurses.* (2 hours).

Includes study of fundamental principles underlying human behavior; the mental processes involved in the adaptation of the individual to life; The origin and development of mental and emotional maladjustments and the place of the nurse in their prevention and care.—Miss Leonard.

SOCIAL SCIENCES

High School Certificates

General Requirements .... 12 Semester Hours

At least one course in each of three subjects should be selected from the following: American *or* European History, Economics, Geography, Political Science, Sociology.

Social Studies Teaching Field .... 24 Semester Hours

American History	6-8 hrs.	
European History	4-6 ”	
West Virginia History	2-3 ”	14 hours
Economics	2-3 ”	
Geography	2-3 ”	
Political Science	2-3 ”	
Sociology	2-3 ”	10 hours

Elementary Certificates

Social Studies .... 18 Semester Hours

History 103, 104 or electives	6 hrs.
History 302	3 ”
Economics 103 or electives	3 ”
Sociology 120 or electives	3 ”
Geography 204, 305	3 ”

Elementary Certificates (Single Curriculum)

Social Studies .... 18 Semester Hours

Social Studies 101	3 hrs.
Social Studies 102	3 ”
Social Studies 201	3 ”
Social Studies 202	3 ”
History 302	3 ”
Geography 305	3 ”

Additional Electives ....15 Semester Hours

History 205, 304, 305, 460	6 hrs.
History 402, 460	3 ”
Economics 103, 204, 301	6 ”
Political Science 103, 302	
Sociology 120, 220, 350, 410	

SOCIAL SCIENCES

Economics, Geography, History, Political Science, and Sociology

Mr. Pence, Miss Crystal, Mr. Lively, Miss Prichard, Dr. Platt

ECONOMICS

Economics 103. *Problems of Economics.* (3 hours).

First and second semesters. Survey of major American economic problems; labor problems and legislation; government regulation of business; taxation; the farm problem. Collateral readings in Government Publications.—Mr. Pence.

Economics 204. *Principles of Economics.* (3 hours).

Second semester. The abstract analysis of economic life to discover the laws regulating production, prices, and distribution. Introduction to Money and Banking. Recommended for students expecting to continue work in Economics. —Mr. Pence.

Economics 301. *Current Economic Problems.* (3 hours).

First semester. Regulation of monopoly, consumer problems, agricultural problems; comparative study of economic doctrines of Capitalism, Fascism, and so forth.—Mr. Pence.

Economics 302. *Labor and Industrial Problems.* (3 hours).

Second semester. Wages, hours, unemployment, history and functioning of labor unions, labor and the courts, work of federal administrative boards.—Mr. Pence.

Economics 304. *Marketing.* (3 hours).

First semester. Marketing policies of manufacturers and wholesalers, sales management, price policies, advertising, chain store laws, retail marketing.—Mr. Pence.

ECONOMICS 303. *Money and Banking.* (3 hours).

Second semester. Principles of banking instruments of credit; Federal reserve system; banking systems in foreign countries.—Mr. Pence.

GEOGRAPHY 204. *Economic Geography.* (3 hours).

Second semester. Study of major economic production of the countries of the world with emphasis on factors determining geographical location of manufacturing, agriculture, industry, mining, trade centers.—Dr. Platt.

GEOGRAPHY 305. *World Geography.* (3 hours).

First semester. Location of states and possessions. National interests and their geographical development. Particular study of the Versailles Settlement and current boundary revisions in Europe and Asia. Study of economic life and political structure of major nations.—Dr. Platt.

HISTORY

HISTORY 101. *World Civilization.* (3 hours).

First semester. Part I. Ancient and Medieval political systems and cultures.—Dr. Platt.

HISTORY 102. *World Civilization.* (3 hours).

Second semester. Part II. The rise of national cultures and the nineteenth and twentieth centuries.—Dr. Platt.

HISTORY 103. *A Survey of the United States History.* (3 hours).

First semester, 4 sections. The background of modern America 1492-1850. A survey of the political, social, economic and cultural forces and occurrences of the United States in their world setting. Considerable stress is placed on the origin and development of the Constitution.—Miss Crystal, Miss Prichard, Dr. Platt.

HISTORY 104. *A Survey of the United States History.* (3 hours).

Second semester, 4 sections. A continuation of 103. The emergence and problems of modern America, 1850, to the present time.—Miss Crystal, Miss Prichard, Dr. Platt.

HISTORY 203. *Economic and Social History of the United States.* (3 hours).

First semester. The main trends in the development of American economic and social life, the mind and character of the American people as revealed in their daily life, their institutions, and relationships; the development of agriculture, industry, trade, etc.—Miss Crystal.

HISTORY 205. *Current Affairs.* (1 or 2 hours).

Both semesters. Contemporary affairs in their world setting.—Miss Crystal.

HISTORY 206. *Representative America.* (3 hours).

Second semester. A biographical approach to national history by the student of 40 or 50 significant and pivotal personalities in the field of politics, business, education, etc.—Miss Crystal.

HISTORY 221. *Modern Europe.* (3 hours).

First semester, Part I, early modern culture. The reformation and the rise of national state systems. The economic revolution.—Dr. Platt.

HISTORY 222. *Modern Europe.* (3 hours).

Second semester. Part II, the French Revolution, democracy and nationalism, the World War and its aftermath.—Dr. Platt.

HISTORY 302. *History of West Virginia.* (3 hours).

Both semesters. The aim of this course is to trace the history of West Virginia in its relation to the development of the federal union and the region of which it is a part. Special emphasis is given to the integrating of the geography and government with the history.—Mr. Pence.

HISTORY 304. *United States and Latin America.* (3 hours).

Second semester. A study of the United States in relation to Latin American affairs. The introductory portion is a brief study of the settlement, development and present status of the Central and South American republics. The emphasis is on the United States-Latin American relations from the Monroe Doctrine to the New Deal Good Neighbor Policy.—Miss Crystal.

HISTORY 305. *History of the United States Foreign Policy.* (3 hours).

First semester. A survey of the foreign policy of the United States to the present time. Special attention is given to European relations, diplomacy in the Far East, diplomatic relations leading to the World War, the problems of the post war period.—Miss Crystal.

HISTORY 306. *History of Latin America.* (3 hours).

First semester. A survey of the history of Latin America from the conquest to the present.—Dr. Platt.

HISTORY 307. *English History.* (2 hours).

First semester, Part I. England to the Glorious Revolution. —Dr. Platt.

HISTORY 308. *English History.* (2 hours).

Second semester. Part II. England from the Glorious Revolution to the present.—Dr. Platt.

HISTORY 309. *History of Western Culture.* (3 hours).

First semester. Part I. A study of the prevailing political, social, philosophical, religious and other cultural ideas and systems from the beginning of history to the Middle Ages.—Dr. Platt.

HISTORY 310. *History of Western Culture.* (2 hours).

Second semester. Part II. The same continued to our own time.—Dr. Platt.

HISTORY 400. *American Colonial History.* (3 hours).

First semester. A study of the European Background of American History and the political, social and economic developments of the American people through the Revolutionary War.—Miss Crystal.

HISTORY 401. *Recent History of the United States.* (3 hours).

Second semester. From the Civil War to the World War. A study of congressional reconstruction, diplomatic and political development, the passing of the frontier, financial and economic readjustment, the Populist Movement, free silver, government regulation of business, Theodore Roosevelt and the Progressive Movement.—Miss Crystal.

HISTORY 402. *Contemporary Europe.* (2 hours).

Both semesters. Europe since the World War. The contemporary scene.—Dr. Platt.

HISTORY 403. *Development of Democracy.* (3 hours).

First semester. A detailed study of the United States history in 1840, with special emphasis on the origin and development of the Federal Constitution and Jeffersonian and Jacksonian Democracy.—Miss Crystal.

HISTORY 406. *United States and the Second World War.*

A study of the background and development of the present world conflict.—Miss Crystal.

HISTORY 410. *United States Since the World War.* (3 hours).

Second semester. This course is introduced by a study of Woodrow Wilson and the World War. The main course is an intensive study of the United States since 1918 as an historical background to present day problems.—Miss Crystal.

HISTORY 460. *Honor Course in History.* (2-4 hours).

Territorial course in history open only to senior students with a "B" average.—Miss Crystal.

POLITICAL SCIENCE

POLITICAL SCIENCE 103. *American Federal System.* (3 hours).

Both semesters, 2 sections. A survey of American government, national, state and local.—Mr. Pence.

POLITICAL SCIENCE 203. *Comparative Government.* (3 hours).

Second semester. A comparative study of the world's leading governments with special attention to their backgrounds, forms and practices.—Mr. Pence.

POLITICAL SCIENCE 302. *American Constitutional System.* (3 hours).

A study of the constitutional basis of the American governmental system together with its interpretations and modifications. For juniors and seniors.—Mr. Pence.

SOCIAL STUDIES

SOCIAL STUDIES 101. *The Development of Social Institutions.*

This course is an interpretation of European and American history in terms of the development of institutions. It will deal in part with the rise of the national state, the evolution of political democracy, the coming of our capitalist economy, imperialism and international conflict, the idiological patterns of the present era and the problems of the present war.

Social Studies 102. *The Development of Social Institutions.*

This will be simply the last half of the course described above.

Social Studies 201. *Survey of Social Institutions and Problems.*

This course will consider outstanding social, economic and political institutions and problems of the contemporary world such as: The Family, Crime, Social Control, Labor Organization, Economic Insecurity, Political Parties, The Democratic Process.

Social Studies 202. *Survey of Social Institutions and Problems.*

Second semester continuation of Social Studies 201.

SOCIOLOGY

Sociology 120. *Introduction to Sociology.* (3 hours).

Two sections each semester. This course is designed to give the student an intelligent understanding and a working system of thought about society and social origins, and a development of institutions such as government, religion, property, education, and social control from earliest times. Required of Social Science majors and prerequisite to other courses in Sociology. —Mr. Lively.

Sociology 201. *Rural Sociology.* (3 hours).

Section each semester. This course discusses the rural, social and economic problems growing out of such topics as good roads, farm organizations, social life, recreation, isolation, religious life, education with suggestions for their solution. Emphasis is placed upon educational agencies.—Mr. Lively.

Sociology 220. *Human Culture and Social Values.* (3 hours).

First semester. This course attempts to identify and relate in an understanding way the processes through which our cultural values have developed.—Mr. Lively.

SOCIOLOGY 350. *Crime and Its Prevention.* (3 hours).

First semester. A study of the history and causes of crime, theories of punishment, modern prison systems and modern methods of dealing with the criminal. Prerequisite: Sociology 120.—Mr. Lively.

SOCIOLOGY 360. *Social Problems of Industry.* (3 hours).

Second semester. This course is designed to give a clear understanding of the problems arising from systems of employment and labor, and the social obligations of society as a whole in adjusting living conditions so that those involved may enjoy a greater degree of happiness.—Mr. Lively.

SOCIOLOGY 410. *The Family.* (3 hours).

Second semester. This course begins with an attempt to understand the origin of the family life from primitive to modern times, and especially deals with the relation of family life to society in general. Prerequisite: Sociology 120.—Mr. Lively.

SPEECH

(Minor)

SPEECH	24 Sem. Hrs.
I. Required Courses	12-15 hours
Speech 101. Fundamentals of Speech	2 hours
Speech 105. Voice and Diction	2 hours
Speech 243. Debate	2-3 hours
Speech 336. Play Directing	2-3 hours
Speech 337. Effective Speaking	2 hours
Speech 430. Speech Correction	2-3 hours
II. Elective Courses	10-12 hours
Speech 151. Play Production	2 hours
Speech 152. Theatre Workshop	1-2 hours
Speech 244. Intercollegiate Debating	1-2 hours
Speech 245. Oratory	1-2 hours
Speech 301. Make-up	1-2 hours
Speech 331. Drama in Elementary Grades	2 hours
Speech 334. Radio in Education	2-3 hours
Speech 421. Poetry Interpretation	3 hours
III. English (Required in Support of Public Speaking)	14 hours
1. English 103	3 hours
English 107	3 hours
2. Advanced Composition English 302, 321, 413	2-3 hours

3. English Literature ....3 hours
   English 302-321-413
4. American Literature ....3 hours
   English 213-214
5. Suggested Electives ....2 hours
   English 241
   Lib. Sci. 101
   Eng. 226-318-223-224-322-410.

SPEECH COURSES

SPEECH 101. *Fundamentals of Speech.* (2 hours).

First semester. First section, 8:00, T. Th. Second section, 9:00, T. Th. Third section, 11:00, T. Th. Fourth section, 1:00, T. Th. This course includes the elementary phases of oral language training needed by teachers; reading aloud, short speeches, enunciation, pronunciation, parliamentary procedure. Repeated second semester, 8:00, T. Th. Required of Speech Minors.—Dr. Opp and Mr. Wallman.

SPEECH 105. *Voice and Diction.* (2 hours).

Second semester, 9:00, T. Th. This course includes study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasing standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Minors.—Dr. Opp.

SPEECH 151. *Acting and Production of Amateur Plays.* (2 hours).

First semester, 2:00, T. Th. and some laboratories. Dramatic expression, theory and practice. Acting and staging of plays. Repeated second semester.—Mr. Wallman.

SPEECH 152. *Theatre Workshop.* (Variable credit).

Actual laboratory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, costuming, etc.—Mr. Wallman.

SPEECH 243. *Debate.* (2 hours).

First semester, hours to be arranged. Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in intercollegiate debate. Required of Speech Minors.—Dr. Opp.

SPEECH 244. *Intercollegiate Debating.* (Variable credit).—Dr. Opp.

SPEECH 245. *Oratory.* (Variable credit).

First semester, 2:00, T. Th. A study of the structure, aims, and principles of writing orations and the delivery of them. —Dr. Opp.

SPEECH 301. *Make-up.* (Variable credit).

First semester. Hours to be arranged. A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school productions. Designed for students interested in dramatic production.—Mr. Wallman.

SPEECH 331. *Dramatics in the Elementary Grades.* (2 hours).

Second semester and summer, 1:00, T. Th. Course designed for teachers in the elementary grades in the staging of entertainments of various natures. A consideration of dramatic forces suited to the elementary grades; puppetry, marionettes, choric speaking, model stage construction, etc. For students taking Curriculum B.—Mr. Wallman.

SPEECH 334. *Radio in Education.* (2 hours).

First semester, 11:00, M. W. Speech 334 is a non-technical course designed to stress the possibilities and use of radio in the class-room. Laboratory periods include the use of broadcasting and recording equipment, and the preparation and presentation of the various types of programs. The course does not include instruction in script writing. Prerequisite: English 105, or permission of the instructor.—Mr. Wallman.

SPEECH 336. *Play Directing.* (2-3 hours).

Both semesters, 2:00, M. W. Selection of plays, suitable to high school presentation, interpretation, and directing problems. Required of Speech Minors.—Mr. Wallman.

SPEECH 337. *Effective Speaking.* (2 hours).

Second semester, 8:00, T. Th. This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Minors.—Mr. Wallman.

SPEECH 421. *Poetry Interpretation.* (3 hours).

Second semester, 2:00, M. W. F. Oral interpretation of poetry with some practice in choric speech.—Mr. Rhodes.

SPEECH 430. *Speech Correction.* (2 hours).

First semester. Study and recognition of speech defects. Exercises for correction and treatment of minor defects.—Mr. Wallman.

ENROLLMENT OF RESIDENT AND EXTENSION STUDENTS BY COUNTIES

FOR 1943-44 INCLUDING FIRST AND SECOND SUMMER TERMS, 1943

County	Number	County	Number
Marion	346	Randolph	3
Harrison	73	Wood	3
Preston	63	Cabell	2
Monongalia	59	Webster	2
Taylor	34	Clay	1
Wetzel	14	Doddridge	1
Marshall	12	Hampshire	1
Grant	8	Jackson	1
Tucker	8	Lincoln	1
Barbour	6	McDowell	1
Lewis	6	Mercer	1
Ohio	5	Pocahontas	1
Hancock	4	Raleigh	1
Nicholas	4	Ritchie	1
Kanawha	3	Tyler	1
Mineral	3	Upshur	1

OUT OF STATE

State	Number	State	Number
California	1	New Jersey	4
Connecticut	2	New York	6
District of Columbia	3	North Carolina	3
Florida	3	Ohio	1
Illinois	5	Pennsylvania	6
Kentucky	1	Rhode Island	4
Maine	8	Vermont	1
Maryland	9	Virginia	22
Massachusetts	48	Washington	1
Michigan	1	Wisconsin	1
Minnesota	1		
Missouri	1	Total of all	804
New Hampshire	2		

SUMMARY OF ENROLLMENT FOR 1943-44

INCLUDING FIRST AND SECOND SUMMER TERMS OF 1943

Resident Students

	Men	Women	Total
Special Students	15	78	93
Seniors	26	112	138
Juniors	22	123	145
Sophomores	14	57	71
Freshmen	28	131	159
Naval Aviation Cadets	144	----	144
Total	249	501	750
Extension Students	39	17	56
Total	288	518	806

STUDENTS WHO RECEIVED THE A. B. DEGREE IN EDUCATION IN 1943

Name	Address	County
Abbott, Mary Jean	305 Walnut Ave., Fairmont, W. Va.	Marion
Alkire, Annabelle	Ireland, W. Va.	Lewis
Allen, Opal O'Bryon	Masontown, W. Va.	Preston
Ankney, Miriam Virginia	Mt. Clare Road, Clarksburg, W. Va.	Harrison
Aronson, Lillie Adelaide	Thomas Ave., Davis, W. Va.	Tucker
Blackburn, Mary Elizabeth	Gormania, W. Va.	Grant
Blake, Betty Lee	330 Locust St., Mannington, W. Va.	Marion
Blake, Elizabeth Moomaw	Brandonville, W. Va.	Preston
Brooke, Harry	Rowlesburg, W. Va.	Preston
Brown, Alma Kelley	816 Coleman Ave., Fairmont, W. Va.	Marion
Charlton, Mary Jean	Box 28, Fairview, W. Va.	Marion
Coffman, Virginia Ann	515 Gaston Ave., Fairmont, W. Va.	Marion
Coombs, Phoebe Louise	925 East Park Ave., Fairmont, W. Va.	Marion
Cowell, Cecyle M.	Wadestown, W. Va.	Monongalia
Current, Bernice Price	Independence, W. Va.	Preston
Curry, Melissa Brahm	909 Seventh St., Fairmont, W. Va.	Marion
Dolan, Florence	Milford Road, Clarksburg, W. Va.	Harrison
Flesher, Bettye Games	R. F. D. 5, Grafton, W. Va.	Taylor
George, Sara Dorinda	Box 51, Belington, W. Va.	Barbour
Giles, Dorothy	444 Morgantown Ave., Fairmont, W. Va.	Marion
Grottindick, Zella McElroy	5 Overhill Road, Fairmont, W. Va.	Marion
Hall, Harry Carl	Barrackville, W. Va.	Marion
Heck, Mary Louise	Barrackville, W. Va.	Marion
Huff, Margaret Ann	212 Chicago St., Fairmont, W. Va.	Marion
Hutchinson, Elaine	741 Fairmont Ave., Fairmont, W. Va.	Marion
Jenkins, Josephine	609 Ohio Ave., Fairmont, W. Va.	Marion
Johnson, Maxine Alice	207 Chicago St., Fairmont, W. Va.	Marion
Jones, Edna Virginia	R. F. D. 3, Elm Grove, W. Va.	Marshall
Jones, Mildred Evelyn	R. F. D. 3, Elm Grove, W. Va.	Marshall
Jones, Mildred Jeane	227 Maple Ave., Grafton, W. Va.	Taylor
Kesling, Wilma Hess	Shinnston, W. Va.	Harrison
Konick, Edmund Edward	351 Park Ave., Monongah, W. Va.	Marion
Koon, Thomas, Jr.	Rt. 1, Fairmont, W. Va.	Marion
Lang, Janet Ankney	Johnson Ave., Bridgeport, W. Va.	Harrison
Longfield, Elizabeth Grace	249 Carr Ave., Clarksburg, W. Va.	Harrison
Lynch, Anna Belle	609 Fairmont Ave., Fairmont, W. Va.	Marion
Matthews, Emma Theresa	Cameron, W. Va.	Marshall
Mayhall, Ruth Marie	Rt. 2, Shinnston, W. Va.	Harrison
McCardle, Amy Marguerite	Cameron, W. Va.	Marshall
McCullough, Elnora Blackburn	Peacock Terrace, Fairmont, W. Va.	Marion
McKinney, Myrtle Margaret	Beverly Hill, Rt. 17, Fairmont, W. Va.	Marion
Merrifield, Maude Virginia	204 Columbia St., Fairmont, W. Va.	Marion
Meyers, Frank Xavier	420 Alta Vista Ave., Fairmont, W. Va.	Marion
Michael, Ola June	R. F. D. 1, Rivesville, W. Va.	Marion
Middaugh, Evelyn Marie	1042 Fairfax St., Fairmont, W. Va.	Marion
Moore, Clara Virginia	822 Third St., New Martinsville, W. Va.	Wetzel
Morace, Louis Frank	94 Fairmont Ave., Fairmont, W. Va.	Marion
Morace, Natina F.	301 McKinney St., Fairmont, W. Va.	Marion
Morrison, Doran Lee	161 Ross St., Grafton, W. Va.	Taylor
Muir, Mary Anne Lively	Hillcrest, Fairmont, W. Va.	Marion
Nestor, Nadine Maxine	209 Lake Road, Terra Alta, W. Va.	Preston
Norris, Theodore Randolph	909 Sixth St., Fairmont, W. Va.	Marion

Ogden, Crystal Linnet	Rt. 1, Independence, W. Va.	Preston
Pearce, Mary Madden	3640 Beaumont St., Hollidays Cove, W. Va.	Hancock
Peck, Mabel Robey	Lumberport, W. Va.	Harrison
Pence, Robert Earle	1 Avalon Road, Fairmont, W. Va.	Marion
Peters, Alma Elizabeth	Keyser, W. Va.	Mineral
Powell, June Myrtle	Haywood, W. Va.	Harrison
Powell, Sara Helen	430 Fairview St., Mannington, W. Va.	Marion
Radabaugh, Howard George	337 Falling Run St., Morgantown, W. Va.	Monongalia
Reed, Betty Frances	Boothsville, W. Va.	Marion
Reed, Viola Linn	Rt. 1, Watson, W. Va.	Marion
Robinson, Esther Pauline	Wyatt, W. Va.	Harrison
Robinson, Jessie Leota	Shinnston, W. Va.	Harrison
Romine, Mary Georganna	East Ave., Shinnston, W. Va.	Harrison
Rose, Emma Lee	98 Station St., Shinnston, W. Va.	Harrison
Sallese, Anna Gemma	Newburg, W. Va.	Preston
Sarsfield, Mary	515 Mt. Vernon Ave., Fairmont, W. Va.	Marion
Satterfield, Eugene Ward	201 Reeves Ave., Fairmont, W. Va.	Marion
Simms, Howard Benjamin	208 Maple Ave., New Martinsville, W. Va.	Wetzel
Snyder, Josephine McKenzie	33 West Main St., Richwood, W. Va.	Nicholas
Spenia, Mary Stella	Shinnston, W. Va.	Harrison
Stackpole, Mary Jane	Lumberport, W. Va.	Harrison
Stevens, Mary Jane	505½ Fairmont Ave., Fairmont, W. Va.	Marion
Summers, Jean Alice	815 East Park Ave., Fairmont, W. Va.	Marion
Tennant, Virginia Cutright	70 Vine St., Shinnston, W. Va.	Harrison
Thomas, Eleanor E.	Brandonville, W. Va.	Preston
Thorne, Neva Fitzhugh	812 Field St., Fairmont, W. Va.	Marion
Wamsley, Mildred Louise	228 Quay Ave., Morgantown, W. Va.	Monongalia
Watson, Ellen Jane	Gibson St., Tunnelton, W. Va.	Preston
Weekley, Mary Lee Riggs	Park Ave., Monongah, W. Va.	Marion
Wilderman, Ruth Ann	417 Locust Ave., Fairmont, W. Va.	Marion
Willis, Lucille Meredith	Shinnston, W. Va.	Harrison
Wilmoth, Dollie A.	506 Ohio Ave., Fairmont, W. Va.	Marion
Wilson, Virgil Ellen	Rt. 2, Fairview, W. Va.	Marion
Wilson, Wilda Pauline	Rt. 2, Fairview, W. Va.	Marion
Wise, Berenice Claire	115 Penn. Ave., Cameron, W. Va.	Marshall
Wittman, Ruth Eleanor	211 Bellview Ave., Fairmont, W. Va.	Marion

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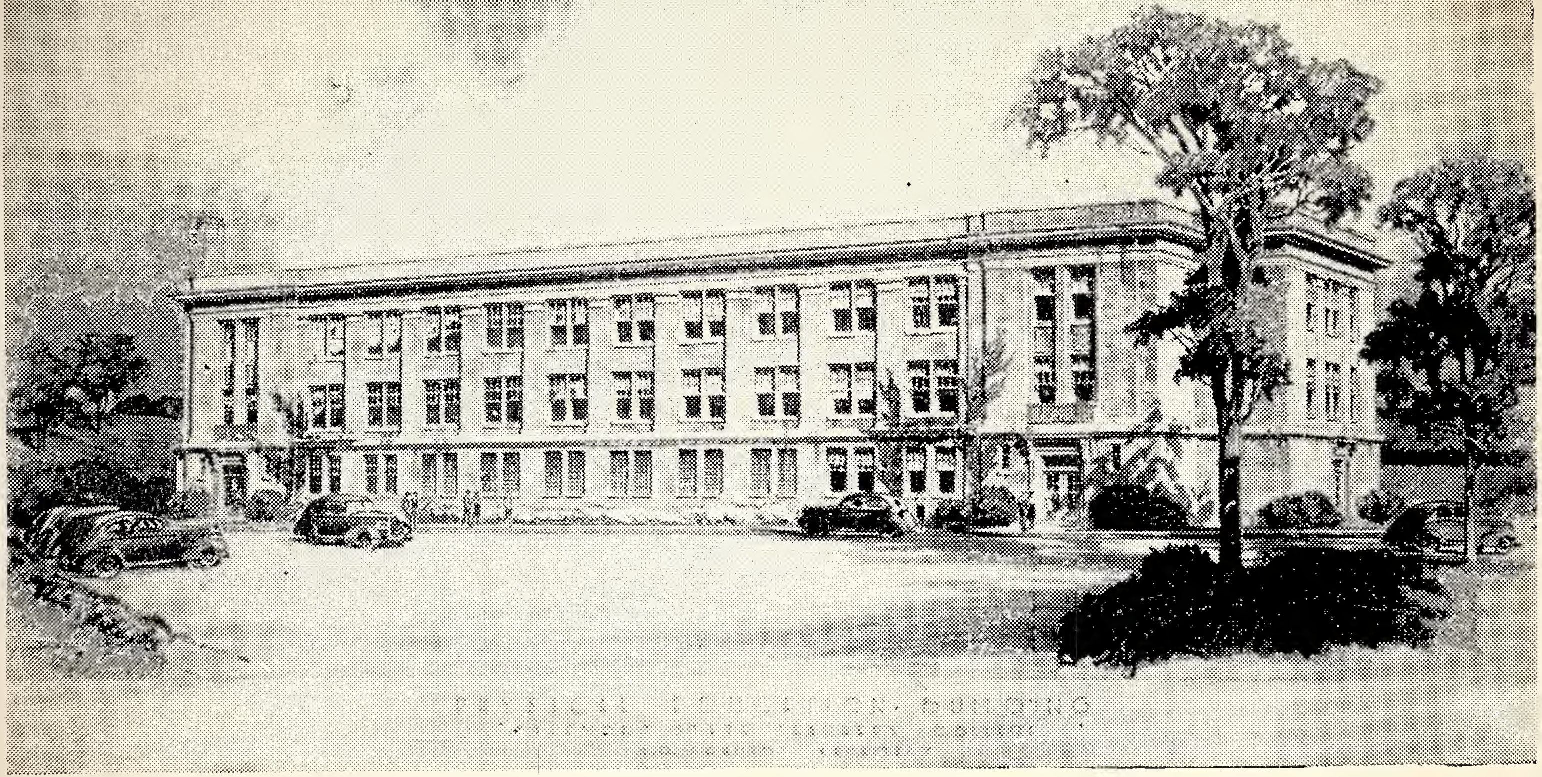

NEW PHYSICAL EDUCATION BUILDING

THE STATE BOARD OF CONTROL

Joseph Z. Terrell, *President*	Clarksburg
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Dell White, *Secretary*	Danville

The State Board of Control has charge of the financial and business affairs of all state institutions.

THE STATE BOARD OF EDUCATION

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Raymond Brewster	Huntington
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Mrs. Thelma Louden	Fairmont
H. K. Baer, *Secretary*	Charleston

The State Board of Education has charge of all matters of purely scholastic nature concerning all the State educational institutions except the State University.

CALENDAR, 1945-1946

Faculty Meeting	September 10
First Semester Opens	September 11
Freshman Registration	September 11
Freshman Meeting (Auditorium 9:30)	September 11
General Registration	September 12
Y. W. C. A. Reception	September 11-13
Student Mix	September 29
Freshman Dinner	October 3
Freshman Chapel	October 4
Special Observance	November 11
Thanksgiving Holidays Begin	November 21
School Resumes	November 26
Dad's Day	December 7
Christmas Holidays Begin	December 14
School Resumes	January 2
First Semester Ends	January 25
Second Semester Opens	January 28
Kappa Delta Pi Conference	February 28
Easter Holidays Begin	April 18
School Resumes	April 23
Student Body Inauguration and Ball	May 2
Special Observance	May 30
Commencement Activities	May 31-June 3
Commencement	June 2-3

FACULTY, 1945-1946

Fairmont's faculty is made up of carefully chosen, well-trained men and women. The entire faculty at Fairmont sees teacher-training work as the big objective at Fairmont State College. All teachers, therefore, prepare their courses with the sole purpose of helping prospective teachers. The names of the faculty members follow:

JOSEPH ROSIER, *President*
B.Pd. Salem College, 1895; A.M. Salem College, 1915; LL.D. Marshall College, 1933. Member United States Senate 1941-1942.

JASPER H. COLEBANK, *Physical Education*
A.B. Fairmont Normal, 1926; Graduate Work, West Virginia University and University of Illinois, 1933.

EVA DAY COMPTON, *Home Economics*
B.S. West Virginia University, 1919; A.M. Teacher's College, Columbia University, 1925.

BESSIE K. CRYSTAL, *History*
B.S. Kirksville State Teachers College, Kirksville, Mo., 1920; A.M. University of Missouri, 1924; Graduate Study, University of Chicago, summer 1929.

JOHN T. EVANS, *Music*
A.B. Fairmont State Teachers College, 1936; Mus. B. West Virginia University, 1938; Mus. M. West Virginia University, 1941.

RUTH FERGUSON, *Art*
Graduate of Beaver College in Fine Arts, 1915; Fairmont State Normal, 1918; A.B. Fairmont State Normal, 1927; A.M. George Peabody College for Teachers, 1932.

LUCILLE M. FITZ GIBBONS, *Health and Physical Education*
B.S. University of Wisconsin, 1944.

HAROLD D. FLEMING, *Education*
A.B. Fairmont State Normal School, 1925; A.M. George Peabody College for Teachers, 1928; Graduate Study, West Virginia University, summer, 1931; Colorado University at Boulder, summers 1940 and 1941. Present position, 1939. Leave of absence—graduate study.

ERNEST FREED, *Art*
B.S. in Education, University of Illinois, 1931; B.F.A. in Painting, University of Illinois, 1933; Scholarship, Pennsylvania Academy, Tiffany Fellowship; A.M. University of Iowa, 1937.

MARY BLANCH GIBSON, *Education*
A.B. West Virginia University, 1922; A.M. Teachers College, Columbia University, 1926.

Frank Hall, *Education*
B.S. West Virginia University, 1914; A.M. Teachers College, Columbia University, 1925.

C. D. Haught, *Physical-Chemistry*
A.B. West Virginia Wesleyan College, 1922; M. S. Ohio State University, 1925.

Mary A. Hawkins, *Assistant Librarian*
A.B. Fairmont State Teachers College, 1937; B.S. of L.S. Carnegie Institute of Technology, 1938. On leave to serve with the armed forces of the United States.

Maud M. Hull, *Education*
A.B. West Virginia University, 1919; Summer School, Columbia University, 1921-1922; A.M. Teachers College, Columbia University, 1925.

George R. Hunt, *Biology*
Ph. B. Denison University, 1922; A.M. West Virginia University, 1929; Ph.D. University of Pittsburgh, 1939.

Ethel Ice, *Registrar*
A.B. West Virginia University, 1910; A.M. Teachers College, Columbia University, 1921; Institute for Registrars, University of Kentucky, 1923.

Louise Leonard, *Education*
A.B. in Education, Fairmont State Normal School, 1924; Graduate Work, Teachers College, Columbia University, summer 1924; 1929; year, 1927-1928; A.M. Teachers College, Columbia University, 1929.

E. L. Lively, *Sociology*
B.S. West Virginia University; 1912; A.M. Ohio State University, 1920.

C. A. Lindley, *History*
A.B. Indiana University, 1921; Fellow in History, Clark University, 1921-1922; M.A. Clark University, 1922; Ph.D. University of Pennsylvania in 1932. On leave, war work.

Medora May Mason, *Director*
A.B. West Virginia University, 1927; summer terms, School of Journalism, University of Wisconsin, 1930 and 1931.

M. E. McCarty, *Mathematics; Director of Extension*
A.B. University of Michigan, 1915; A.M. University of Michigan, 1922.

Paul F. Opp, *English*
A.B. Mt. Union College, 1918; Officers Material School, U. S. Navy, commissioned Ensign, 1919; A. M. Columbia University, 1923; Professional Diploma, Teacher of English, Columbia University, 1923; Graduate Study in University of Toronto and West Virginia; Ph.D. University of Toronto, 1933.

Emma G. Parsons, *Librarian*
A.B. Kansas Wesleyan University, 1927; Library School Kansas State Teachers College, Emporia, 1929-30; A.M. University of Denver, 1937.

John W. Pence, *Political Science; Dean of Men*
A.B. Oberlin College, 1917; A.M. Oberlin College, 1923; Carnegie Fellowship in International Law, Columbia University, 1917-18.

Virginia B. Platt, Resigned

Grover C. Platt, *Economics*
B.A. University of Iowa, 1936; M.A. Tufts College, 1936; Ph.D. University of Iowa, 1941. On leave with the armed forces of the United States.

Mary B. Price, *Music*
Graduate of the School of Music, West Virginia University (violin), 1917; summer session Cornell University, 1918; graduate of Pennsylvania summer sessions for Public School Music Supervisors, West Chester, Pa., 1923; studied voice with Helen Allen Hunt of Boston, 1922-23, and with Isidore Luckstone, New York City, 1924-25; post graduate work, New York University, New York City, 1925.

Mahala Dorcas Prichard, *History; Dean of Women*
A.B. West Virginia University; A.M. Teachers College, Columbia University, Professional Diploma, Dean of Women, Columbia University.

H. S. Rhodes, *English*
A.B. Fairmont State Teachers College; A.M. West Virginia Universiity, 1939; present position, 1931.

Jean E. Richmond, *Home Economics*
A.B. University of Illinois, 1918; A.M. Iowa State University, 1924; Graduate Work Minnesota University, 1930 and Iowa State College, 1937.

Charles M. Roberts, *Biology and Elementary Science*
B.S. Pennsylvania State College, 1924; M.S. Ibid, 1925; University of Michigan Biological Station, summer 1924; Graduate Work, Teachers College, Columbia University 1928-1929; Teachers College Diploma, "Teacher in Biology in Normal Schools and Teachers Colleges."

Harold F. Rogers, *Head of Chemistry Department*
A.B. West Virginia University, 1901; A.M. Harvard, 1908.

Francis Shreve, *Head of the Department of Education*
A.B. West Virginia University, 1909; A.M. Ohio State University, 1912; Ph.D. Peabody College, 1921.

Oliver Shurtleff, *Education; Dean of Instruction*
A.B. West Virginia University, 1918; A.M. West Virginia, 1922; Ph.D. Student University of Chicago, two terms.

Herman Arthur Shutts, *Mathematics*
A.B. in Education, Fairmont State Normal School, 1929; A.M. West Virginia University, 1931.

Ruth Staley, *Music*
University of North Dakota, 1924-26; Northwestern University, Bachelor of Music Education, 1926-28; Chicago Art Institute. On leave.

Marjorie D. Tate, *English*
B.S. Central Missouri State Teachers College, Warrensburg, Missouri, 1922; A.M. George Peabody College, 1926.

Elizabeth Terry, *Latin and Spanish*
A.B. Marietta College, 1928; A.M. University of Wisconsin, 1935; graduate work, West Virginia University, 1942; University of Mexico, 1943.

George H. Turley, *English*
A.B. Fairmont State Teachers College, 1931; A.M. West Virginia University, 1937; On leave with the armed forces of the United States.

Lawrence A. Wallman, *English*
A.B. West Virginia University, 1927; A.M. West Virginia University, 1929, Graduate Work, Northwestern University.

R. P. Ward, *Chemistry and Physical Geography*
A.B., M.Sc., and Ph.D., Ohio State University.

Frank S. White, *Education*
A.B. University of Pittsburgh, 1916; A.M. George Peabody College for Teachers, 1923; Graduate Student, University of Pittsburgh, summers of 1919, 1920, 1921; Peabody 1922-23, summers of 1923, 1926, and 1927; University of Cincinnati, summer of 1930 and first semester, 1930-31.

Mary Edna White, *Health and Physical Education*
B.S. University of Wisconsin, 1927; A.M. Teachers College, Columbia University, 1937; Graduate Work, Teachers College, Columbia University, summer 1938.

Wilford R. Wilson, *Physical Education*
A.B. Fairmont State Teachers College, 1935; A.M. Teachers College, Columbia University, 1939. Present position, 1939. On leave with the armed forces of the United States.

Florence R. Clady, *College Nurse*
On leave with the armed forces of the United States.

Edna I. Miller, *Director*
B.S. Bradley Polytechnic Institute; A.M. Institutional Management, Columbia University, 1934.

Lois Fluharty, *College Nurse*

Frances L. Ridgeway, *Dietitian*
B.S. West Virginia University, 1941.

Blanche Price, *Bursar*

Katherine Thomas, *Secretary.* Resigned.

Anne Holbert, A.B., *Secretary.*

Catherine Algeo Freeman, A.B., *Assistant to the Registrar.*

Eileen Kurlich, *Stenographer*
On leave with the armed forces of the United States.

Ruth Hawkins, A.B., *Assistant to the Bursar*

Josephine Taylor, A.B., *Assistant Librarian*

FACULTY COMMITTEES FOR 1945-1946

CLASSIFICATION AND CREDITS

In order to divide the work and responsibility of this committee the college administration plans to rotate assignments to membership on the committee, Membership on the committee will follow, pretty generally, an alphabetical order of departments. The deans of the college will be ex officio members of the committee to sit with the committee. A new committee will be appointed each succeeding year. The 1945-1946 members are:

Dr. Shreve, Chairman
Mr. Rhodes
Miss Tate
Miss Ice, Secretary
Miss Leonard
Mr. Wallman

Members for 1946-1947

Dr. Shreve, Chairman
Dr. Hunt
Mr. Evans
Miss Ice, Secretary
Miss Hull
Mr. Haught

Assembly

Mr. Evans, Chairman
Miss Mason
Miss Mary B. Price
Mr. Wallman

Athletics

Mr. Colebank
Mr. Haught
Miss White

Commencement

Mr. Rogers, Chairman
Miss Mason
Miss Mary B. Price
Miss Tate
Dean Shurtleff
Mr. Evans

Employment of Students

President Rosier
Dean Prichard
Dean Pence
Miss Blanche Price

Flower Committee

Miss Terry, Chairman
Miss Holbert
Miss Parsons
Dr. Hunt
Mr. Freed

Library

Miss Parsons, Chairman
Mr. Shutts
Miss Hull
Miss Tate
Miss Leonard
Miss Crystal

Placement

Mr. McCarty, Chairman
Miss Gibson
Dean Shurtleff
Mr. Colebank
Miss Ice

Radio

Miss Mason, Chairman
Mr. Wallman
Mr. Evans
Dean Shurtleff
Dr. Hunt
Student Member, President Study Body

CLASS ADVISERS

Senior Class
  Dr. Opp
Sophomore Class
  General Adviser
    Dean Pence
  Academic for Unclassified
    Men—Dean Pence
    Women—Dean Prichard
  Student Council Adviser
    Mr. Wallman

Junior Class
  Mr. Rhodes
Freshman Class
  General Adviser
    Dean Prichard
  Academic
    Men—Dean Pence
    Women—Dean Prichard
  Freshmen—Orientation
    Dean Prichard, Chairman
    Dr. Hunt, Dr. Platt,
    Miss Leonard, Mr. Turley,
    Dean Pence and
    Dean Shurtleff, ex officio.

INTEGRATING COMMITTEE

For Single Curriculum Study and Administration

Dr. Platt, Chairman
Dr. Shreve
Miss White
Dr. Hunt, Acting Chairman
Miss Ice, Secretary

GENERAL INFORMATION

Fairmont State College, Fairmont, West Virginia, exists to prepare teachers. More especially, it exists to prepare teachers and supervisors for the elementary and high schools of central and northern West Virginia. It is not in any sense a competitor with the high schools of the state or with liberal arts colleges or other professional institutions; it has its own special field of endeavor and is satisfied to cultivate that field.

Fairmont sends out to most of the counties in West Virginia well-prepared and well-trained young men and women to teach and to supervise teaching in the cities, villages, and rural communities. The work of the college is thus affecting educational conditions all over the state.

Fairmont clearly recognizes the fact that the teachers college is the pivotal point of a public school system and is endeavoring to meet the responsibility consistent with that pivotal system. If the teachers college is ineffective, the entire school system suffers directly and seriously. The preparation and training of teachers is therefore an absolute essential to the success of a system of public education. Fairmont is glad to be considered a teachers college.

EXPENSES

Fairmont aims to provide adequate living and social conditions for all of its students. Rooms and meals may be had at Morrow Hall, which is the school dormitory for girls, at rates varying from $6.75 to $7.25 per week.

The school maintains a list of approved rooming places. Students are expected to live in these places unless they have special arrangements to live elsewhere. Young men wanting rooms are expected to write Mr. John W. Pence, Dean of Men; young women wanting rooms in Morrow Hall or in town should write Miss Dorcas Prichard, Dean of Women. The rates for rooms in private homes vary from $8.00 to $10.00 per month.

There are several places near enough to the campus where students can stay and have their meals at Morrow Hall, and next to living in the Hall, this is the most inexpensive way.

Meals at Morrow Hall are $5.50 per week. We have places where students can have both room and meals. These same people can give meals to more people than they can give rooms. There are also several places where it is possible to do light housekeeping. This is the least expensive way to live, also the least desirable. It is not approved when not necessary.

For those students living at home all necessary expenses may be kept as low as $45.00 per semester. Actual expenses for tuition, board and room need not exceed $150.00 per semester. Certain small fees are charged for courses in the Department of Science. The fees are usually $2.00 per course. A fee of $3.00 is charged for gym outfits for women students.

The Fairmont State College is the most economical school for all young men and women living in the north-central section of West Virginia.

ENROLLMENT FEE

The enrollment fee for attendance at Fairmont is quite low and well within the reach of most young people who wish to attend college. This fee is thirty dollars ($30.00) per semester. Added to this fee are certain laboratory fees to cover cost of laboratory expenses.

RULES FOR REFUND OF FEES

Students withdrawing before the end of the first month of the semester may obtain a refund of one-half of fees paid; those withdrawing before the end of the second week may obtain a refund of three-fourths of fees paid. No part of fees may be refunded in case of withdrawal after the end of the first month of the session. Application for refunds must be made to the treasurer of the college at the time of the student's withdrawal.

SCHOLARSHIP LOAN FUND

Mary B. Price, Music Scholarships:

Miss Mary B. Price, head of the Music Department, gives a scholarship in voice training each year to one boy and one girl. This is a scholarship given to students who have had no previous vocal instruction. Auditions are held the first week of the fall semester.

LOAN FUNDS

Class of 1912 Fund:

The class of 1912 originated this fund with a sum of $100.00. Various organizations of the school have since contributed to this fund, which now totals approximately $250.00. The original purpose of the fund was to assist seniors of the Standard Normal Course. This fund is open to both men and women students.

President Rosier, Dorcas Prichard, dean of women, and John W. Pence, dean of men, constitute the committee in charge of the fund. Blanche Price, Bursar, is Secretary-Treasurer. Men students wishing to borrow from this should apply to Mr. Pence; women students to Miss Prichard.

The R. C. Jones Fund: Established in 1928.

Mr. R. C. Jones, of Fairmont, gave the college $100.00 to be used as a loan fund by boys and girls in good scholastic standing, but who cannot finish their course because of lack of funds. Security is required. There is a low interest charge.

Louise West Hite Loan Fund: Established in 1929.

Mrs. R. M. Hite gave the college $1,000.00 to be used as a loan fund to help women students complete their course. The fund was named the Louise West Hite Loan Fund in honor of the donor. Security is required. There is a low interest charge.

President Rosier, Dorcas Prichard, dean of women, and Mr. Frank S. White constitute the committee in charge of the fund. Katherine L. Thomas is Secretary-Treasurer. Students wishing to borrow from this fund should apply to Miss Prichard.

The Woman's Club Fund: Established in 1932.

The Woman's Club of Fairmont gave a fund of $60.00 to be loaned to students, especially interested in dramatics, which is to be used for tuition.

This fund is available each year to one man student and one woman student. Students wishing to borrow from this fund should apply to L. A. Wallman, head of the Department of Dramatics.

The American Association of University Women Fund: Established in 1935.

The Fairmont Branch of the American Association of University Women has given a fund to be added to for a period of five years. This fund is to be loaned to Junior and Senior college women. Students wishing to borrow from this fund must have a good character record, and an average of at least "B" for their first two years and be able to give good security.

The President of the College, the Dean of Women, and a member of the faculty who is a member of the Fairmont Branch of the American Association of University Women, constitute the committee in charge of the fund. Miss Ethel Ice is the Branch Representative on the Committee. There is a low interest charge. Students wishing to borrow from this fund should apply to the Dean of Women.

Women's Civic Organization Fund:

Three Women's Civic Organizations maintain funds from which they will lend money to students attending Fairmont State College who are in need of financial help. The organizations are:

The Major William Haymond Chapter, Daughters of the American Revolution.

The Col. Morgan Morgan Chapter, Daughters of the American Revolution.

The Fairmont Business and Professional Women's Club (this fund is the N. R. C. Morrow Fund in honor of Mrs. N. R. C. Morrow).

Students wishing to borrow from these funds should make inquiry through Miss Prichard. The three requisites for receiving loans from these funds are: good character, good scholastic standing and good security. There is a low interest charge.

The Frank C. Haymond Constitutional Prize:

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Attorney Frank C. Haymond, '06, has established an annual prize of $25.00. This prize is awarded to any regularly enrolled student who prepares the best paper relative to the general theme of "The Constitution". Papers are required to be from two thousand to thirty-five hundred words in length, and are due on or before April 15th in each school year.

The M. M. Neely Oration Contest:

Each year Congressman M. M. Neely offers an award of fifty dollars ($50.00) to be given for excellence in oratory. This contest is open to all regularly enrolled students of the college. A faculty committee is in charge of this contest.

HEALTH SERVICE

All entering students are required to have a health examination. Appointments for this examination should be made with the Health Department at the time of registration. All other students are to report at certain scheduled times for health re-checks. Failure to comply with the above regulations, on the part of the student, will result in credits being held in the office of the Registrar until said regulations have been met.

A certificate from the Health Department stating that the student has complied with the above regulation must be presented by the student to his supervisor in Student Training before he will be assigned to his student teaching.

Facilities for rest during the day are available for students who wish to use them.

A physician and a registered nurse are available at certain stated times to examine and advise students in matters pertaining to their health.

FAIRMONT—THE CITY

Fairmont State College, as stated above, is located in Fairmont. Fairmont is a fine, modern, little city, extending a cordial welcome to the young men and women selecting Fairmont as their school. The motto of the city is "Fairmont is Friendly" and all Fairmont endeavors to put this motto in operation. Students will be glad to make the acquaintance of Fairmont.

Fairmont offers exceptional opportunities to students who want to observe and do directed teaching. Schools of practically all types of organization are available for use on the part of students. These types include rural, elementary, junior high, six year high, and senior high schools. All student participation in any of the above listed types of schools is done under careful and able supervision.

LIBRARY

27219 + 8826

Fairmont State College has a library of over 25,000 volumes under the competent supervision of librarians and assistants. The books have been selected with care, with special view of getting together a balanced collection of the best books in different fields of knowledge and literature and especially in the fields of education. There is an unusually strong collection of reference books and other reference materials including more than 6,000 pamphlets and clippings, over 3,000 bound volumes of magazines, over 7,000 bound volumes of West Virginia and United States documents, a course of study collection and a bibliography collection. The library also contains a collection of juvenile books for use of practice and supervisory teachers and children's literature classes, and a library of Information on National Defense and Related Problems.

Over one hundred and fifty periodicals of educational and general interest are received in the library. The library is also a depository of United State governmental documents, including a large number of publications of the United States Office of Education. The library rooms consist of a large reading room and stack room combined, a smaller reading room, two offices, one small workroom and one large workroom which is used for filing unbound periodicals, etc. These rooms are furnished with modern library equipment. Most of the library standards set by the American Association of Teachers Colleges have been met by Fairmont State College.

CO-CURRICULAR ACTIVITIES

Fairmont maintains a sane and constructive co-curricular program. The various clubs, fraternities, sororities, and other organizations guarantee to each student an opportunity for expression in these various fields. The athletic program at Fairmont is one of the sanest that can be found anywhere. Very early in the history of athletics Fairmont became known as one of the first schools to de-emphasize college athletics. At Fairmont the athletic program is operated upon the play level and is not a business venture.

ORGANIZATIONS

Student Body

This organization is made up of the entire Student Body, freshmen included. All officers are students and all business is conducted by students and student officers.

Student-Faculty Social Cabinet

The cabinet is composed, as its name suggests, of representative students and faculty members. The social program for the school year is arranged through the cabinet.

Student Council

The Council is the advisory board of the Student Body organization. Members are class presidents and representatives of other campus groups.

Inter-Fraternity Council

This is an advisory board for all fraternities and sororities. The council elects its own officers.

Class Organizations

All classes in the college are organized. Each class elects its own officers. Each class plans an interesting social program for the year.

HONORARY ORGANIZATIONS

Alpha Psi Omega

National honorary Dramatic Society
Adviser, Mr. Lawrence Wallman

Lambda Delta Lambda

National honorary Physical Science
Advisers, Mr. H. F. Rogers, Mr. C. D. Haught

Sigma Pi Rho

National honorary Latin Society
Adviser, Miss Elizabeth Terry

Lambda Alpha Sigma

Honorary Letterman Society
Adviser, Jasper Colebank

Kappa Delta Pi

National honorary Education Society
Adviser, (alternate members of Education Department)

Pi Gamma Mu

National honorary Social Science
Adviser, Miss Bessie K. Crystal

Pi Upsilon Phi

National honorary Journalism Society
Adviser, Miss Medora Mason

Nu Alpha Phi

National honorary French Society
Adviser, Miss Sara M. Watts

CLUBS

Tri V Latin Club, Adviser, Miss Elizabeth Terry.
Schubert Choral Club, Adviser, Miss Mary B. Price.
Home Economics Club, Adviser, Miss Eva D. Compton.
The Masquers, Adviser, Mr. L. A. Wallman.
Y. W. C. A., Adviser, Miss Edna I. Miller.
Y. M. C. A., Advisers, Dr. Paul F. Opp, Mr. Haddon S. Rhodes, Mr. Harold F. Rogers.
Physical Education, Majors and Minors, Advisers, Miss Mary White, Miss Lucille Fitz Gibbons.
Four-H Club, Adviser, Mr. Frank Hall.
Splashers Club, Adviser, Miss Lucille Fitz Gibbons.

SOCIAL ORGANIZATIONS

Sororities

Gamma Chi Chi
Adviser, Blanche Price

Sigma Theta Rho
Adviser, Medora M. Mason

Alpha Delta Chi
Adviser, Eva D. Compton

Delta Sigma Epsilon (National)
Adviser, Bessie K. Crystal

Fraternities

Tau Beta Iota
Adviser, Lawrence A. Wallman

Omicron Pi
Adviser, Mr. C. M. Roberts

Sigma Tau Gamma (National)
Adviser, Mr. M. E. McCarty

Zeta Sigma (National)
Advisers, Dr. R. P. Ward and Frank Hall

THE BAND

The champion Maroon and White Band of Fairmont State College is one of the most outstanding organizations of its kind and is very well known throughout the state. It has a membership of approximately fifty (50) pieces. All young men and women who play instruments have the privilege of applying for membership in this organization on a competitive basis. For those without musical training, who are interested in the band, classes in beginning instruments will be offered.

NEW GYMNASIUM

The college is very happy to announce the completion of its new building which will be the home of the Physical Education and Health Department.

The building is much more than a mere gymnasium. It contains two gymnasiums, one for men and one for women. Besides these two large rooms the building contains a fine swimming pool, class-rooms, locker-rooms, showers, offices and equipment rooms. This new building has been called by those who know "the finest and most complete physical education building in West Virginia."

COURSES OF STUDY

Fairmont State College offers a teachers college course leading to a teacher's certificate and to the degree of Bachelor of Arts in Education; a two-year elementary course leading to a teacher's certificate; and pre-professional courses, offered primarily for the benefit of those who do not plan to teach but who plan to enter some other institution for advanced study.

COLLEGE COURSE

Purpose: This course is designed to prepare teachers for junior and senior high schools, and for elementary schools.

Curricula: Three curricula are offered. Curriculum A for junior and senior high school teachers; Curriculum B for elementary teachers; Curriculum C for teachers of both high schools and elementary schools.

Entrance: "The present requirements for graduation as fixed by the West Virginia High School course of study will be recognized for college entrance to West Virginia Normal Schools and Colleges." But "students will be admitted on presentation of 15 units of high school credit, the remaining unit to be made up during the first or second year of College work." Not more than one of the 16 units required for entrance may be earned in the study of religion or the Bible.

Graduation:

1. A total of 128 semseter hours of credit is required.
2. The student must earn at least 128 quality points.
3. At least 45 semester hours must be earned in courses numbered 301 and higher.
4. A minimum of 32 semester hours must be earned in residence.
5. At least 16 semester hours of residence work must be done in the senior year.

Rate at Which Credit May Be Earned: The regular amount of work each year of this course is 32 hours. The student may, by permission of his class adviser, carry 34 semester hours a year. By permission of the Committee on Classification and Credits superior students may carry 36 hours. A student whose average is 2.5 or above may be permitted to carry 19 hours in a semester.

Advanced Credit: "Work done in any state school, college, or university of the state shall be credited, hour for hour, by any other College or University of the state, subject to residence, graduation, and special requirements on account of membership in any approved association of colleges or universities." Students and graduates in the Normal courses, either in this institution or elsewhere will receive credit, hour for hour, for work done in these courses. Thus, a graduate of the two-year course, who has earned 64 semester hours, would receive credit for 64 hours on the College Course for elementary teachers. He would thus have 64 additional hours to do to complete the college course, but it is probable that he may have to do more than that to comply with the graduation requirements.

Recognition of Course: Fairmont State College is a member, in good standing, of the American Association of Teachers Colleges. Fairmont is also an institutional member of the American Council of Education. These two memberships guarantee to Fairmont graduates a high grade professional standing. Fairmont graduates are eligible to teach in North Central High Schools, (a ruling by West Virginia State High School Supervisor).

TWO-YEAR ELEMENTARY COURSE

Purpose: This course is designed to prepare teachers for positions in the elementary schools of the towns, cities and rural communities of West Virginia. Upon completion of this course students are recommended for third class elementary certificates.

Entrance: The same requirements as for those entering the college course, but in order to secure adequate preparation of teachers in certain fundamental subjects, students who are admitted to any of the curricula for elementary teachers, must attain a definite standard in English, arithmetic and penmanship. Students who fail to meet the required standards in these subjects will be required to do additional work for which no collegiate credit will be given.

Length: This course represents two full years of work above a four-year high school course; 64 semester hours and 64 honor points are required for completion.

Residence: The last 16 hours of the 64 hours must be earned in Fairmont State College and at least 32 hours of work done in residence in one college.

Rate at Which Credit May Be Earned: The regular amount for each year of this course is 32 semester hours. Exceptional students may be given permission by their class advisers to carry a maximum of 34 semester hours. By permission of the Committee on Classification and Credits superior students may carry 36 hours. A student whose average is 2.5 or above may be permitted to carry 19 hours in a semester.

Certificate Granted: Students who complete this course are recommended for certificates from the State of West Virginia, good for three years, and renewable. This certificate enables the holders to teach in elementary schools in West Virginia. The credits earned are accepted on certificate requirements in other states.

PRE-PROFESSIONAL COURSES

Besides being a teachers college the college is increasing each year its offerings in the number of pre-professional courses offered primarily for the benefit of those who do not plan to teach but who plan to enter some other institution for advanced study. Courses acceptable for advanced credit in other institutions have been arranged for in the following professional fields:

Pre-Law
Pre-Business
Pre-Medical
Pre-Dental
Pre-Nursing
Pre-Engineering

For the convenience of students, detailed arrangement of the courses offered in each of the above fields is provided. As regards the coming school year, particular attention is called to such new offerings in the Pre-Business Course as Accounting, Marketing, Business Mathematics and Statistics. Courses recently added to the Pre-Engineering Course include: Mechanical Drawing, Descriptive Geometry, and Plane Surveying. Plans are under way for the definite increase in Pre-Nursing training facilities in cooperation with the Fairmont General Hospital.

CHANGING SCHEDULES

Occasionally students want to make changes in their class schedules after enrolling. If necessary, these changes may be made through the class adviser within three weeks after enrollment; thereafter only by permission of the Committee on Classification and Credits. Changes made in any other manner will result in failing grades for the student.

GRADING SYSTEM

Fairmont attempts to grade its students systematically and scientifically. The following system is used: "A", very superior; "B", superior; "C", average; "D", inferior; "I", incomplete; "F", Failure; "WP", withdrew passing; "WF", withdrew failing. Honor points are earned with grades as listed below:

Grade A—Three points for each hour of credit.
Grade B—Two points for each hour of credit.
Grade C—One point for each hour of credit.
Grade D—No honor point.

Students who average less than "C" in their teaching subjects will not be recommended for certification and will not be allowed to do student teaching. "Condition" or incomplete grades must be removed within a year, otherwise the "condition" automatically becomes a failure.

If a student enrolls for a course and later drops it without permission, a grade of "F" is recorded for him in the course. Permission to drop a course may be obtained from the class adviser during the first three weeks of a semester or the first two weeks of a summer term; later in the semester or summer term, from the Committee on Classification and Credits. Permission to drop a course will not be granted after the middle of any session.

STUDENT RATING

Fairmont endeavors to give each student a proper and correct rating and classification. Students are, therefore, urged to send high school records to the College before entering. The principals of the high schools will be glad to forward these records upon request of the students. These records should be sent to Miss Ethel Ice, Registrar of the College.

TRAINING SCHOOL

Fairmont State College offers exceptional opportunities to students who wish to observe and do directed student teaching. Schools of practically all types of organization are available for use on the part of students. These types include rural, elementary, junior high, six-year high and senior high schools.

All student participation in any of the above listed types of schools is done under careful and able supervision.

ORGANIZATIONS

Student organizations and activities carried on by students have a distinct and notable place in the school. Recognizing that they encourage initiative and self-control, provide laboratory training in English, teach parliamentary law, and train in appearing before the public, and realizing that this is of special value for teachers, the authorities manifest keen interest in the conduct and success of established organizations and the formulation of new ones. Every student can find some kind of student work that fits in with his interest and talents.

STUDENT BODY

The entire school is organized into an association known as the Student Body which meets regularly once a month and also at the call of the president. It fills an important place in the general work of the school. Through this organiaztion receptions are arranged, officers of "The Columns" and "The Mound" elected, special committees appointed, and many other services as they arise from time to time rendered. A Student Body fee is required of all students. This covers the cost of receptions, flowers, and additional expenses for the student body. The constitution of the Student Body is printed in the College Handbook.

GENERAL REGULATION ON DISCIPLINE

On motion of the State Board of Education, the following statement was ordered printed in the catalog of each state-supported college:

"The regulations of the college shall require from every student decorous, sober, and upright conduct, so long as he remains a member of the college student body, whether within the college precincts or anywhere else.

"The president and faculty shall have authority to formulate specific regulations for the administration of this provision."

SCHOOL OF NURSING

FAIRMONT GENERAL HOSPITAL

Fairmont, West Virginia

COOPERATING WITH—FAIRMONT STATE COLLEGE

Nursing is a service to humanity. Today our country is awake to the urgent need to improve and conserve the health of all. Educational, industrial, social and political organizations are insisting on a wider extension of medical and nursing service. Civilian hospital demands for the care of the acutely ill must be met, and at the same time the military needs for graduate nurses have to be satisfied. To enter any specialized field requires a sound basic course in nursing. Only an accredited school of nursing connected with an approved hospital should be considered.

Fairmont General Hospital offers to young women who wish to become registered nurses, a course of instruction in theory and practice which leads to a diploma in nursing. This hospital is approved by the American College of Surgeons and the American Medical Association and the West Virginia State Board of Nurse Examiners.

The present hospital replaces the Cook Hospital which served the community for many years. The new building was opened for admission of patients on July 29, 1940. It is a four-story, fire-proofed building planned to care for 160 patients, including new-born babies. Accommodations are provided for medical, surgical, obstetrical and pediatric patients in wards and private rooms. Modern in construction, the building is designed and equipped to provide for maximum comfort of patients and at the same time to make feasible the education of student nurses.

The Nurses' Home is adjacent to the hospital and provides for the housing of students. The Educational Unit in the Nurses' Home is planned for instruction of students in theory, demonstration and practice. An adequate professional library is included in the Educational Unit. Classroom instruction in specific subjects is given on the campus of the Fairmont State College, which adjoins the hospital grounds. The classrooms, laboratories, library, and recreational facilities, including the swimming pool of the college, are available for the students. A definite health program is in effect, in which all students participate. Classroom instruction and clinical practice are closely correlated under the supervision of graduate nurses. A schedule of 48 hours per week of combined classwork and nursing is maintained. Social and recreational opportunities are an integral part of the educational plan for all students. The school of nursing is non-sectarian, but all students are given an opportunity to attend the church of their choice.

CADET CORPS

The United States Public Health Service approved the school of nursing for participation in the United States Cadet Nurse Corps on September 4, 1943. It is necessary for the student to enroll in the school of nursing and through the school of nursing to enter the Cadet Nurse Corps. Under the present plan the federal government defrays the cost of the education of the cadet nurse. The student is provided with textbooks, uniforms, fees, tuition and maintenance as well as a stipend paid monthly throughout the entire period.

For the student who does not wish to become a cadet, the entrance requirements and expenses are the same. Members of the cadet corps and non-members receive the same education, attend the same classes, and must take the same examinations to become registered nurses. An estimation of the cost of the course for the three-year period can be had by making direct inquiry to the school of nursing. A loan fund is available for deserving students.

ADMISSION REQUIREMENTS

The age limit is from 17½ years upward. Graduation from an accredited high school in the upper half of the class. The high school course should be acceptable for college entrance. A personal interview with the director of nursing or her associates. A pre-entrance physical examination is made at the hospital.

This includes laboratory tests and X-ray examination. A charge of $10.00 is made for this examination, which will be refunded if the student enrolls as a cadet nurse. A pre-entrance series of mental tests are given at Fairmont State College.

A fee of $5.00 is charged for these tests, which is refunded if the student enrolls as a cadet nurse.

EDUCATION PROGRAM

The course covers a period of 36 months. The basic instruction is given in the first thirty months, with the final six months set aside for special supervised practice with greater responsibility. The Senior Cadet may decide to spend these final six months in her own hospital, in another civilian hospital or in one of the five federal nursing services.

The curriculum is planned to conform to the recommendations of the National League of Nursing Education to streamline the program for the war emergency, and at the same time provide for a sound education in nursing which prepares for a recognized profession.

OPPORTUNITIES IN NURSING

Graduates under the United States Cadet Nurse Corps plan, pledge themselves, health permitting, to remain in essential nursing throughout the war, and be free to choose any essential field in nursing.

Among the opportunities that are open to graduate nurses are:

Army and Navy nursing, Civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, administrators; Veteran and Marine Nursing, Industrial nursing, Public Health Nursing, Health relief and rehabilitation at home and abroad, Child Health and Guidance, Occupational Therapy, Anesthesia, Clinical Laboratory, X-Ray Laboratory.

Approved by
American College of Surgeons
American Medical Association
and
West Virginia State Board of Examiners

For additional information write to:

Director of Nursing
Fairmont General Hospital, Fairmont, West Virginia
or
Fairmont State College, Fairmont, West Virginia

IMPORTANT NOTICE

"An Act providing for changes in the names of State Teachers Colleges and for an enlargement of their functions; provides that these colleges shall be known respectively as follows: Fairmont State College. . . . The function of these colleges shall continue to be the preparation of teachers and also the offering of such curricula in general and vocational education as the State Board of Education may direct or approve. They are authorized to grant the degrees of Bachelor of Arts and Bachelor of Science."

(The above is a quotation from House Bills Nos. 12 and 108.)

In keeping with the purposes of the legislative enactment referred to above, Fairmont State College has revised its courses of study and schedules so that work on the newly authorized phases of college education may be put into effect immediately. Curricula leading to the degrees of Bachelor of Arts and Bachelor of Science have already been formulated. Students entering Fairmont State College may start immediately upon any one of the new degrees prescribed by the above enactment.

NEW DEGREES

Tentative general requirements to fulfill the demands of those students who are working on one of the new degrees (A. B.—B. S.) are listed below. These regulations should be carefully studied.

Four-year curricula leading to the degrees of Bachelor of Arts and Bachelor of Science have the following main objectives:

(1) General Culture. In the first two years of his college work the student should acquire a broad training in the fundamentals of a variety of subjects. This will give him a basis for choosing the field or fields in which he will concentrate.

(2) Provision for students who may be planning to enter law, medicine or some other professional fields.

(3) Provision for those who may wish to do graduate work in their fields of specialization.

Regular Course:

General Requirements	34 hrs.
English (Composition and Literature)	12 hrs.
Speech	4 hrs.
Physical Education and Health	6 hrs.
Social Studies	12 hrs.
Major Field	24 to 36 hrs.
Minor Field	18 to 24 hrs.

Three additional groups of not less than 6 hours each to be chosen from the following:

- Art
- Education
- Foreign Language
- Mathematics
- Music
- Biological Sciences
- Physical Sciences
- Home Economics
- Psychology

Electives to make	128 hours

Not more than 40 hours may be chosen in any one department.

Majors in English, Science, and other fields who are preparing for later graduate work *must* include 12 hours in an appropriate foreign language.

As much as eight semester hours in Education may be counted on the A. B. (non-professional) Degree and on the B. S. Degree.

The requirements for A. B. and B. S. differ chiefly in the choice of major and minor fields. For the A. B. the selection is to be made from one of the following: Fine Arts, English, Social Studies and Foreign Languages. For the B. S. the choice is to be made from the physical and natural sciences, Mathematics, Home Economics and Physical Education.

Candidates for graduation must have as many honor points as hours to their credit.

Fifty hours must be earned in courses numbered 300-499 for the A. B. and B. S. degrees.

THE MAJOR AND MINOR FIELDS

The major field should be chosen at the beginning of the student's sophomore year. Choices of a major may be made from the following:

Art
Botany
Chemistry
Economics
English
History
Home Economics
Mathematics
Foreign
Modern languages
Music
Political Science
Physical Education
Sociology
Zoology

Minors may be chosen from the major list and from the following:

Physics
Psychology
Public Speaking

ADVISERS

Each student is assigned to an adviser to assist in his registration and to have general supervision over his work, the adviser to be from the department in which the student's major subject is chosen. The adviser will so direct the student in the making of his program as to insure the fulfillment of all requirements for his graduation and to prepare the student in foreign languages, science and mathematics for such graduate or professional courses as he may want to pursue elsewhere. The choice of electives and any changes in the student's program are made only with the approval of the adviser.

Certain changes will be made from time to time in the above regulations.

REQUIREMENTS FOR THE PUBLIC SCHOOL CERTIFICATE

The Public School Certificate, valid for a five-year period in elementary, junior and senior high schools, will be issued to prospective teachers who have been graduated in the Single Curriculum, provided that they complete the following:

I. Foundation Courses

		Required Hours
English		(18)
Written and Spoken English	6	
Advanced Written and Spoken English	3	
Backgrounds of Literature	3	
Study and Appreciation of English Literature	3	
Study and Appreciation of American Literature	3	
Social Studies		(17-18)
Development of Social Institutions	6	
Fundamental Social Problems	6	
W. Va. History, Geography, and Government	3	
World Geography	2-3	
Science		(16)
Biological Science	6	
Physical Science	6	
Mathematics 1	4	
Physical Well-Being		(8)
Freshman Orientation	2	
Rhythmic Activities	1	
Leadership in Recreational Activities	1	
Team Games	1	
Individual and Dual Sports	3	
Music		(6)
Music as an Art and a Science	2	
Music Highways—or—Musical Materials and Procedures	2	
Music in Human Relations	2	
Art		(6)
Creative Expression in Fine Arts	2	
Creative Expression in Applied Arts	2	
Art Appreciation	2	
Professional Subjects		(20-26)
Human Development and Adjustment	9	
Methods (elementary and secondary)	5	
Directed Teaching (elementary and secondary)	6	
Electives	0-6	

II. Teaching Fields

A minimum of 24 semester hours in each of two teaching fields with the exception of the social studies in which they will complete 32 hours and in mathematics, 22 hours. (Two semester hours may be deducted for each high school unit of mathematics; the maximum deduction is 6 hours.)

III. Honor Points

As many honor points as semester hours on the total credit earned, as many honor points as hours earned in professional subjects, including directed teaching, and in each of the teaching fields required for the secondary schools.

IV. Directed Teaching

Directed teaching experience on sufficiently different levels to insure a beginning competency in all grades from 1 through 12 and demonstrate to those in authority ability to teach in both the elementary and secondary schools. Experience in the upper grades will be limited to the fields of specialization selected by the student.

Each semester hour of directed teaching shall require a minimum of 18 clock hours consisting of at least 50 minutes in the classroom. Of the total clock hours submitted for this minimum requirement, the maximum for observation shall not exceed 30 per cent.

SINGLE CURRICULUM

BLOCK SCHEDULE

for

1. **Third Class Elementary Teachers Certificate**
2. **First two years of Public School Certificate Curriculum***

FIRST SEMESTER 1945-46

First Year

Time	Name and Number of Course	Hours	Days
8:00	Ed. 202—Educational Psychology	3	M. W. F.
8:00	Biol. 101—Community Biology	3	T. Th.
9:00	Soc. St. 101—Develop. of Social Institutions	3	M. W. F.
10:00	Phys. Ed. 101—Freshman Orientation	2	M. T. W. F.
11:00	Eng. 102—Written and Spoken English	3	M. W. F.
1:00-3.00	Biology 101, Laboratory		T.
2:00	Music 101—Music as an Art and a Science	2	M. W. F.
	Second Year		
8:00	Phys. Sci. 201—General Physical Science	3	M. W. F.
9:00	Soc. St. 201—Fundamental Social Problems	3	M. W. F.
10:00	Math. 205—General Mathematics	4	M. T. W. F.
11:00	Art 211—Creative Expression in Applied Arts	2	M. T. W. F.
1:00	Eng. 207—Backgrounds of Literature	3	M. W. F.
2:00	Phys. Ed. 231—Rhythmic Activities	1	T. Th.

SECOND SEMESTER 1945-46

First Year

Time	Name and Number of Course	Hours	Days
8:00	Ed. 203—Educational Psychology	3	M. W. F.
9:00	Biol. 102—Community Biology	3	T. Th.
9:00	Soc. St. 102—Develop. of Social Institutions	3	M. W. F.
10:00	Music 201—Music Highways or Materials and Procedure	2	M. W. F.
11:00	Eng. 104—Written and Spoken English	3	M. W. F.
1:00	Art 111—Creative Expression in Fine Arts	2	M. W. Th. F.
1:00-3:00	Biol. 102—Laboratory		T.
	Second Year		
8:00	Phys. Sci. 202—General Physical Science	3	T. 8-10 Th.
8:00	Ed. 204—Methods Teaching Elementary School	3	M. W. F.
9:00	Soc. St. 202—Fundamental Social Problems	3	M. W. F.
11:00	Phys. Ed. 214—Leadership in Recreational Activities	1	T. Th.
11:00	Eng. 208—Advanced Written and Spoken English	3	M. W. F.
1:00	Ed. 250—Observ. and Directed Teaching	3	M. T. W. Th. F.

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*Those who earn their degrees before teaching will postpone taking Ed. 202 and Ed. 203 until their second year and Physical Science 201 and 202 until their third year.

SUBJECTS REQUIRED FOR DEGREE OF BACHELOR OF ARTS IN ELEMENTARY EDUCATION AND FOR COLLEGIATE ELEMENTARY TEACHERS CERTIFICATES

	First Class Collegiate Elementary Sem. Hrs.	Provisional Collegiate Elementary Sem. Hrs.	Second Class Collegiate Elementary Sem. Hrs.	Third Class Collegiate Elementary Sem. Hrs.
ENGLISH:				
Composition	5	5	5	5
Speech	2	2		
Juvenile Literature	2	2 or	2	2
Electives:	6	5	5	3
Literature				
Advanced Composition				
Library Science				
Minimum Hours Required	15	12	12	10
SOCIAL STUDIES:				
United States History and Government (Integrated)	6	6	6	6
West Virginia History, Government, and Geography (Integrated)	3		3	3
Economics	2	2	2	
Sociology	2	2	2 or	2 or 2
Geography	2	2	2	2
Electives:				
History				
Government				
Economics				
Sociology				
Geography				
Minimum Hours Required	18	15	15	15
SCIENCE:				
General Science (6) or General Biological Science (3) and General Physical Science (3)	6	6	6	6
Health Education	2		2	2
Practical Arithmetic	2		2	2
Electives:	3	3	3	
Biological Science				
Physical Science				
Minimum Hours Required	13	9	13	10

	First Class Collegiate Elementary Sem. Hrs.	Provisional Collegiate Elementary Sem. Hrs.	Second Class Collegiate Elementary Sem. Hrs.	Third Class Collegiate Elementary Sem. Hrs.
MUSIC:				
Introduction to Music	2	2	2	2
Public School Music	4	2	4	4
Minimum Hours Required	6	4	6	6
ART:				
Introduction to Art	2	2	2	2
Public School Art	4	2	4	2
Minimum Hours Required	6	4	6	4
PHYSICAL EDUCATION:				
Physical Education	2	2		
Grades Games and Playground Supervision	2	2 or	2	2
			2	2
Minimum Hours Required	4	2	4	4
EDUCATION:				
Educational Psychology	3	3	3	3
Teaching in Elementary Schools including:				
Principles, Methods, and Management	5	3	5	3
Directed Teaching*	5	3	5	3
Organization of W. Va. School System and Program of study for the Elementary Schools	2		2	2
Suggested Electives	5	6	2	2
History of Education				
Philosophy of Education				
Educational Sociology				
Kindergarten and Primary Ed.				
Tests and Measurements				
Child Psychology				
Elementary School Administration and Supervision				
Minimum Hours Required	20	15	15	13
Maximum Hours Permitted	24	24	24	15
General Electives	46	67	25	2
Total Required for Certificates	Bachelor's Degree		96	64

At least 45 semester hours of the total required for the first class and provisional collegiate elementary certificates shall be selected from the third and fourth year courses.

*Directed teaching shall include training in the primary and intermediate, and/or upper elementary grade levels. Each semester hour shall require a minimum of 18 clock hours consisting of at least 50 minutes in the classroom. Of the total clock hours submitted for this minimum requirement, the maximum in observation shall not exceed 30%.

HIGH SCHOOL CERTIFICATES

FIRST CLASS HIGH SCHOOL CERTIFICATES (Valid for 5 years for teaching in junior and senior high schools) will be issued provided the following requirements have been met:

1. *Graduation and recommendation* from a standard college[1]

2. *General Requirements*[2]	Minimum 28 Sem. Hrs.
English (8), (Speech (2)	10
Social Studies	12
History, Government, Sociology, Economics and Geography. (At least one course in each of three subjects or fields must be completed.)	
Science or Mathematics	6

3. *Professional Requirements*[3]	Minimum 20 Sem. Hrs.
Educational Psychology[4]	5
Teaching in Secondary Schools including:	
Principles, Methods, and Management	4
Directed Teaching (90 Clock Hours)[5]	5

Suggested Electives:

- Organization and Program of Study of the West Virginia School System
- Tests and Measurements
- Philosophy of Education
- Educational Sociology
- High School Program of Studies
- History of Education
- High School Organization
- Current Practices in Secondary Education
- Co-Curricular Activties
- Pupil Personnel and Pupil Accounting
- The Junior High School
- Adult Education
- Introduction to Vocational Teaching

1—24 hours of extension work is permitted.

2—When any of the general requirements are included in the teaching field the work may be used to meet both requirements.

3—A maximum of 24 semester hours will be accepted.

4—2 hours of General Psychology will be accepted.

5—Directed teaching shall be completed on the junior or senior high school level in the fields designated on the certificate. Each semester hour shall require a minimum of 18 clock hours consisting of at least 50 minutes in the classroom. Of the total clock hours submitted for this minimum requirement, a maximum in observation shall not exceed 30%. A 1.0 average in professional subjects wil be required for enrollment in directed teaching.

DESCRIPTIVE OUTLINE OF COURSES

Unless otherwise stated, the credit value of the course is identical with the number of hours per week that the class meets.

With a few exceptions, the courses are numbered by the following system of "levels": first year level 101-199; second year, 201-299; third year, 301-399; fourth year, 401-499. It is expected that a student enroll for courses on the level on which they are offered (that is, that first-year students enroll for first year level courses). But, with the approval of his class adviser, he may enroll for a course on either the next higher or the next lower level.

At least 45 of the 128 semester hours required for graduation must be earned in courses numbered 301 or above.

The following outline does not attempt to list the summer school courses, except in those instances where "S" is placed after the numerical designation of the course. The summer school courses are all, with frequent exceptions, chosen from the regular courses.

The abbreviations "M", "T", "W", "Th.", "F", indicate the days on which the class meets. The figures, "8:00", "9:00", etc., indicate the hours at which the class begins. The value of each course, in semester hours, is found at the right of the course number and course name. In scheduling courses the time when a course is offered may be changed.

Credit for less than 6 hours in a foreign language may not be counted toward graduation.

To be admitted to a course in student teaching the student must have an average of not less than C:

1. On all credits to be counted toward graduation.
2. On all credits in the first and second teaching fields.
3. On all credit in the department of education.

Courses listed in this catalog may be changed due to new requirements by the State Board of Education.

ART	24 Sem. Hrs.
Required Courses	Minimum Required
Freehand Drawing	6
Design	6
Painting and Sculpture	6
History and Appreciation	6
Suggested Electives	
Ceramics	

Landscape Architecture
Sculpture
Advanced History and Appreciation
Advanced Painting
Jewelry
Commercial Art
Bookbinding

BIOLOGICAL SCIENCE	24 Sem. Hrs.
Required Courses	Minimum Required
General Biology (8)	
or	
Botany (4) and Zoology (4)	8
Suggested Electives	10
Anatomy, Ecology, Entomology, Bacteriology, Embryology, Forestry, Eugenics, Genetics, Morphology, Plant or Animal Pathology, Physiology. (Maximum—4 hours in any one subject.)	
Chemistry	6

BIOLOGICAL AND GENERAL SCIENCE	34 Sem. Hrs.
Required Courses	Minimum Required
General Biology (8)	
or	
Botany (4) and Zoology (4)	8
Suggested Electives	8
Anatomy, Ecology, Entomology, Bacteriology, Embryology, Forestry, Eugenics, Genetics, Morphology, Plant or Animal Pathology, Physiology. (Maximum—4 hours in any one subject.)	
Chemistry	8
Physics	8
Geology	2

ENGLISH	24 Sem. Hrs.
Required Courses	Minimum Required
Composition—Oral and Written	10
Speech (2)	
English Composition (5)	
Suggested Electives	
Advanced Composition or Exposition or Study of the English Language.	
Literature	12
American Literature Survey (3)	
English Literature Survey (3)	

Suggested Electives
- The Novel
- The Short Story
- The Drama
- Shakespeare
- The Essay
- Contemporary Literature
- Bible as Literature
- World Literature
- The Study of One Literary Period
- Study of Another Author

(Maximum—3 hours in any one subject.)

Special Activities	2
Library Science or Journalism	2

FRENCH 24 Sem. Hrs.*

Suggested Courses	Maximum Permitted
French Grammar	4
Modern Fiction since 1800	3
Drama of the 19th Century	3
Advanced Readings	6
Advanced Grammar and Pronunciation	3
Classical School	6
Oral French	3
French Literature	3
French Civilization and Culture	3

GERMAN 24 Sem. Hrs.*

Suggested Courses	Maximum Permitted
Elementary Grammar and Composition	6
Advanced Grammar and Composition	3
Advanced Readings	6
Oral German	6
Survey of German Literature	6
German Literature of the Classical Period	6
Ninteenth Century German Literature	6
Modern Literature	6

LATIN 24 Sem. Hrs.*

Suggested Courses	Maximum Permitted
Cicero's Orations	3
Vergil's Aeneid	3
Grammar and Composition	4
Roman Comedy	3
Latin Composition	3
Cicero's De Senectute and De Amicitia	3

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*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

Roman Letter Writing	3
Livy	3
Horace	3
Prose Anthology	3
Tacitus, Agricola or Amale; Santonius, Life of Julius or Augustus	3

LIBRARY SCIENCE

24 Sem. Hrs.
Minimum Required

Required Course

Cataloguing and Classification	4
Book Selection	4
Reference and Bibliography	3
Administration of School Libraries	3
Library Practice	3
Children's Literature and Storytelling	2
Repair and Binding of Books and Magazines	1

Suggested Electives

- History of Books and Libraries
- Librarianship as a Profession
- Teaching the Use of of the Library

MATHEMATICS

22 Sem. Hrs.
Maximum Permitted

Suggested Courses

Unified Mathematics	4
College Algebra	4
Solid Geometry	3
Plane Trigonometry	3
Spherical Trigonometry	3
Plane Analytic Geometry	3
Solid Analytic Geometry	3
Calculus	6
Mathematical Theory of Statistics	3
Differential Equations	3

MUSIC

24 Sem. Hrs.
Minimum Required

Required Courses

Theory, including: Sight Singing Ear Training Harmony Form and Analysis	6
Applied Music, including: Piano Voice Orchestral Instruments	9

Appreciation, including:	3
Survey	
History	
Conducting, including:	6
Chorus	
Orchestra	
Band	
Ensemble	
Vocal and Instrumental	

PHYSICAL EDUCATION*

Required Courses	24 Sem. Hrs. Minimum Required
Anatomy, Physiology and Kinesiology	4
Health Education and Hygiene	4
Principles, Organization, and Administration of Health and Physical Education	2
Physical Inspection and Correction of Remedial Defects	1
Theory and Practice of Physical Education as follows:	13

	Men	Women
Team Sports	5	5
Baseball, football, basketball, track and field, volley ball, speed ball, soccer, softball, touch football, field ball, field hockey and officiating.		
Recreational Activities	3	3
Swimming, archery, golf, tennis, badminton, table tennis, handball, boxing, wrestling, gymnastics, and apparatus.		
School and Community Activities	4	4
Games, first aid, camping and hiking, scoutmastership, and club leadership.		
Rhythms	3	3
Folk, natural, social, clog and tap dancing, marching and calisthenics.		

PHYSICAL SCIENCE

Suggested Courses	24 Sem. Hrs. Minimum Required
Chemistry	12
General Chemistry	
Inorganic Chemistry	
Qualitative Analysis	
Quantitative Analysis	
Organic Chemistry	
Food Analysis of Dairy Chemistry	

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*No credit in Physical Education shall be allowed for participation in intercollegiate sports.

Physics	8
General Physics	
Radio, Telegraphy and Telephony	
Photography	
Light	
Sound	
Mechanics	
Heat	
Electricity	
Modern Physics	
Electives (Unrestricted)	4

PHYSICAL AND GENERAL SCIENCE	34 Sem. Hrs.
Suggested Courses	Minimum Required
Chemistry	12
General Chemistry	
Inorganic Chemistry	
Qualitative Analysis	
Quantitative Analysis	
Organic Chemistry	
Food Analysis of Dairy Chemistry	
Physics	8
General Physics	
Radio, Telegraphy and Telephony	
Photography	
Light	
Sound	
Biology	8
Geology	2
Electives (Unrestricted)	

SOCIAL STUDIES	24 Sem. Hrs.
Required Courses	Minimum Required
History	14
European History (4)	
American History (6)	
West Virginia History (2)	
Suggested Electives	
American History	
European History	
Government	2
American Government (2)	
Suggested Electives	
State and Local Government	
Comparative Government	
Economics	2

Suggested Electives
- Principles of Economics
- Labor and Industrial Problems

Sociology 2

Suggested Electives
- Principles of Sociology
- Problems of Child Welfare
- The Family
- Social Pathology

Geography 2

Suggested Electives
- Geographic Influence
- Economic Geography
- Principles of Geography
- Geography of North America
- Geography of Europe

DESCRIPTIVE OUTLINE OF COURSES

Unless otherwise stated, the credit value of the course is identical with the number of hours per week that the class meets.

~~With a few exceptions~~, the courses are numbered by the following system of "levels": first year level 101-199; second year, 201-299; third year, 301-399; fourth year, 401-499. It is expected that a student enroll for courses on the level on which they are offered (that is, that first-year students enroll for first year level courses). But, with the approval of his class adviser, he may enroll for a course on either the next higher or the next lower level.

The following outline does not attempt to list the summer school courses, except in those instances where "S" is placed after the numerical designation of the course. The summer school courses are all, with infrequent exceptions, chosen from the regular courses.

The abbreviations "M", "T", "W", "Th.", "F", indicate the days on which the class meets. The figures, "8:00", "9:00", etc., indicate the hours at which the class begins. The value of each course, in semester hours, is found at the right of the course number and course name. In scheduling courses the time when a course is offered may be changed.

Credit for less than 6 hours in a foreign language may not be counted toward graduation.

To be admitted to a course in student teaching the student must have an average of not less than C:

1. On all credits to be counted toward graduation.
2. On all credits in the first and second teaching fields.
3. On at least 8 hours in the department of education.

Courses listed in this catalog may be changed due to new requirements by the State Board of Education.

ART

State Requirements for Teachers in the field of Art:

ART COURSES	24 Sem. Hrs.
Art 101, Elementary Art	2 hours
Art 107, Elementary Drawing and Painting	2 hours
Art 201, Art Structure	2 hours
Art 203, Clay Modeling and Pottery	1 hour
Art 206, Lettering	2 hours

Art 302, Design	2 hours
Art 303, Perspective	2 hours
Art 304, History and Appreciation	3 hours
Art 305, High School Arts and Crafts	2 hours
Art 307, Drawing and Painting	2 hours
Art 401, Advanced Art Structure	2 hours
Art 402, Advanced Sculpture	2 hours
Art 404, History of Painting	3 hours

Additional Courses Recommended:

Art 103, Construction	2 hours
Art 220, Art Methods	2 hours
Art 306, Advanced Color	3 hours
Art 401, Advanced Art Structure	2 hours

ART

Miss Ferguson and Mr. Freed

Art. 101. *Elementary Art.* (2 hours).

First semester, 11:00, M. T. W. F. Repeated second semester. Required in all Normal School curricula. A foundation course in the theory and practice of color, freehand drawing, composition and design. Study of the principles underlying all Art structure.

Art 103. *Elementary Crafts.* (1 hours).

Problems in papier mache, fodine, weaving, cutting and modeling. An elective course suitable for students in the elementary curricula.

Art. 107. *Drawing and Painting.* (2 hours).

An introduction to water-color, oil and tempera paint, charcoal and pencil technique.

Art. 111. *Creative Expression in the Fine Arts.* (2 hours).

A course in which the student has the opportunity to experiment in the materials of the graphic arts and at the same time learn the technique of presenting them in the different levels of the public schools.

Art. 201. *Art Structure.* (2 hours).

Study of composition based on principles of design and showing the use of the three basic elements—line, notan, and color. Use of ink, charcoal, water color, and tempera.

ART 203. *Clay Modeling and Pottery.* (1 or 2 hours).

This course includes modeling of small figures and animals in clay. Incised tiles. Coil methods. Biscuit firing and glazing.

ART 204. *Puppets and Marionettes.* (1 hour).

Course in the history and different types of construction of marionettes and puppets as well as practice in operating same. An elective course for Intermediate Curricula.

ART 206. *Lettering.* (2 hours).

Study of fundamental types such as Old English, Roman, Script and Modern, with their history. Studies in expressive lettering, forms to fit the idea or meaning. Monograms, allover designs, and poster layouts.

ART 211. *Creative Expression in Applied Arts.* (2 hours).

This course gives the student experiences in many crafts and an opportunity to apply their own creative designs to the various crafts.

ART 220. *Art Methods and Materials for Elementary Grades.* (2 hours).

First semester, 9:00, M. W. F. Repeated second semester. Required in Primary and Rural Curricula. This course consists of a discussion of standards, methods, materials, and subject matter for teaching art in the first four grades. The students have practice in expression in color composition, design, illustration, picture study, etc. Prerequisite: Art 101.

ART 302. *Design.* (2 hours).

First semester, M. T. W. Th. This course includes the study of principles of design and their application to practical problems in various techniques—such as block printing, stenciling, etc. Prerequisite: Art 101.

ART 303. *Perspective.* (2 hours).

Study of one and two point perspective, elipses in still-life groups. Reflections, shadows, interiors, color and notan in perspective.

ART 304. *Art History and Appreciation.* (3 hours).

First semester, 10:00, M. W. F. This course includes a series of talks on architecture, painting, sculpture and the minor arts with the aim of awakening understanding and enjoyment.

Art 305. *High School Arts and Crafts.* (2 hours).

An advanced course in the study of the principles of design and their application in wood blocks, metal and textiles.

Art 306. *Advanced Color.* (3 hours).

First semester, 11:00, M. T. W. Th. F.

Art 307. *Drawing and Painting.* (2 hours).

Pencil techniques, brush and ink, pen techniques, silhouettes, and pastel.

Art 308. *Bookbinding.* (1 hour).

Problems in bookbinding, folio construction, desk sets, and box construction.

Art. 311. *Art Appreciation.* (2 hours).

A course designed to acquaint the student with the best art in all fields and of all times, modern as well as ancient art.

Art 312. *Contemporary Art.* (2 hours).

This course deals with the problems of our present day living in the fields of Home, Community, Religion, Industry, Commerce, etc.

Art 401. *Advanced Art Structure.* (2 hours).

Emphasis on advanced compositional arrangements such as murals using oil, water-color and pastel.

Art 402. *Sculpture.* (2 hours).

Sculpture in clay, wood and stone. Methods of casting and finishing.

Art 403. *Costume Design.* (3 hours).

Course consists of the study of the history of costume as it relates to modern adaptation. A study of techniques used in reproduction of fashion design. Emphasis on original costuming from history of fashions.

Art 404. *History of Painting.* (3 hours).

Second semester, 8:00, M. W. F. An advanced course in the study of the development of schools of painting. Prerequisite: Art 304.

BIOLOGY

State Requirements for teachers in the field of Biology:

Biology	18 Semester hours
Biology 104	3 hours
Biology 105	3 hours
Biology 220 or Biology 321	3 hours
Biology 230 or Biology 301	3 hours
Electives	6 hours
Biology 310	
Biology 317	
Biology 324	
Biology 330	
Biology 333	
Biology 420	
Science 311	
Science 312	
Science 320	
Chemistry	6 hours

BIOLOGY

Mr. Roberts, Dr. Hunt and Assistants

Bulletin No. 1 sets up a standard of 24 semester hours for certification in Biology (Biology 18, Chemistry 6). In view of the wide content of Biology it is urged that students use, from the large number of elective hours allowed them, every opportunity to take courses from the elective groups in both Biology and Science.

The required courses for a teaching field in Biology are starred (*).

Biology 101. *Community Biology.* (3 hours).

First semester, 8:00 T. Th., D. P. A three-hour course in biology offered to meet part of the biology requirements for certification under the single curriculum. Laboratory fee, $1.00.

Biology 102. *Community Biology.* (3 hours).

Second semester, 2:00-4:00, T. Th. A continuation of Biology 101. These two courses constitute the biology requirement for the single curriculum.

Fairmont State
College Library
Fairmont, W. V.

*Biology 104. *General Biology.* (3 hours).

First semester, Section I, M. W. F., 9:00. Lab. M., 1:00, 2:00 or 3:00, 4:00. This course and the one following constitutes a year's work on the biological principles which govern living things. (Biology 104 and 105 make a desirable sequence for those satisfying the science requirement of Curriculum A). Lab. fee, $1.00.

*Biology 105. *General Biology.* (3 hours).

Second semester, Section I, M. W. F., 9:00. Lab. M. 1:00, 2:00, or 3:00, 4:00. A continuation of Biology 104 with special effort to show how man has used his knowledge of biology to control and make use of the biological factors of his environment. Prerequisite: Biology 104 or 101. Lab. fee, $1.00.

Biology 110-N. *Introduction to Human Anatomy and Physiology.* (4 hours).

This course is planned for students in Nursing Education. It is open only to student nurses of Fairmont General Hospital. Meets 2:00-5:00, W. F. First semester.

Biology 120. *Animal Biology.* (3 hours).

First semester, 8:00, T. Th. Laboratory 3:00-5:00, W. This course is provided for those students who have a definite need for a first-year course in zoology. It cannot be substituted for Biology 104 or 105, but can be used towards a degree as an elective only. This course meets the requirements of pre-nursing standards. A comprehensive study of biological principles in their relation to the animal body is the objective. Lab. fee, $1.00.

Biology 121. *Animal Biology.* (3 hours).

Second semester, 8:00 T. Th. Laboratory 3:00-5:00, W. A continuation of Biology 120. Prerequisite: Biology 120. Lab. fee, $1.00.

Biology 124-N. *Microbiology.* (3 hours).

A study of microorganisms with particular emphasis on their relation to disease. This course, also, is open only to student nurses of Fairmont General Hospital. First semester.

*Biology 220. *Invertebrate Zoology.* (3 hours).

First semester, 9:00, M. W., Laboratory, 1:00-4:00, Th. This course includes an extensive study of the classification, morphology, and the importance of the invertebrates. Students enrolling for this course should have an understanding of general biological concepts. Prerequisite: General Biology. Lab. fee, $1.00.

*BIOLOGY 230. *General Botany.* (3 hours).

First semester, M. W. F., 8:00, Lab. T. 1:00 to 4:00. This course deals with the structures and principles fundamental to an understanding of plants. Lab. fee, $1.00.

*BIOLOGY 301. *General Botany.* (3 hours).

Second semester, M. W. F., 8:00, Lab. T. 1:00 to 4:00. A continuation of the study of plants. Prerequisites for Biology 230 and 301 are Biology 101 or 104 and 105. Lab. fee, $1.00.

BIOLOGY 310. *Human Anatomy.* (3 hours).

First semester, 11:00, M. W. F., Laboratory 1:00-3:00, F. This is an introduction to the study of the human body, designed to meet the needs of elementary teachers and high school teachers of biology, home economics, and physical education. Two periods a week will be devoted to lectures, recitations and examinations, and a double period to laboratory work. Prerequisites: Biology 101 or 104 and 105. Lab. fee, $1.00.

BIOLOGY 311. *Kinesiology.* (3 hours).

Second semester, 11:00, M. W. F. The aim here is to acquire an understanding of the principles involved in the movement of the human body. The first part of the course consists of an extensive study of the physiology of the muscles. This is followed by a detailed consideration of the prominent muscles with regard to origin, insertion, and action. Prerequisite: Biology 310.

BIOLOGY 317. *Entomology.* (3 hours).

General survey of the insect groups.

*BIOLOGY 321. *Vertebrate Zoology.* (3 hours).

Second semester, 9:00, M. W. F. Laboratory, 1:00-4:00, F. A comprehensive survey of the Chordata with respect to anatomy, classification, and importance. An advanced course that is open only to those who have had previous work in biology. Planned to meet the needs of teachers, pre-medical and predental students. Prerequisites: Biology 104 and 105.

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*Laboratory fees are required for certain courses in Biology. These fees are due at the time of enrollment.

Biology 324. *Bacteriology.* (3 hours).

The content of this course includes a study of microorganisms in their various relations to man. Laboratory exercises include the study of morphology, technique, and control measures. Meets 10:00, M. W. F. and W. 1:00-3:00.

Biology 330. *Field Botany.* (3 hours).

Second semester, T. Th. 9:00, M. 1:00-4:00. The identification of the common seed plants and ferns of the region. Flower structures, family characteristics and relationships and the use of manuals are stressed. Field work required. Prerequisites: Biology 101, or 104 and 105. (230 and 231 are recommended).

Biology 405. *Biological Problems.* (Credit various).

By arrangement. Students with suitable preparation may schedule special work for various credit upon recommendation of the head of the department.

Biology 420. *Biological Survey.* (2 or 3 hours).

First semester, T. Th., 9:00. Lab. by arrangement. A survey of local biological materials, their collection, preservation and preparation. Prerequisite: fourteen hours of biology.

GENERAL ELECTIVES

Science 311. *Ornithology.* (2 hours).

Second semester. This course gives an additional opportunity to become acquainted with birds. The classroom will deal with migration, food, economic value, color phases and similar topics. Most of the work will be done out of doors to give first-hand knowledge about the birds.—Mr. Roberts.

Science 312. *Garden Materials.* (2 hours).

Deals with soils, fertilizers, plant propagation, plant varieties and flower gardens.—Mr. Roberts.

Science 313. *Plants of Our Environment.* (2 hours).

Second semester. This course leads to an understanding of the contributions of plant to human life, of how plants reproduce and grow, of the contributions of botanical explorers, and of the work of various branches of the United States Department of Agriculture. It gives a knowledge of the plants of West Virginia.—Mr. Roberts.

SCIENCE 320. *Conservation of Appalachian Wild Life.* (2 hours).

First semester. This course desires to stress, in its local aspect, the importance of reforestation, stream flow and pollution, the use of marginal lands, National Forests and their recreational facilities, hunting and fishing with their attendant regulation as having to do with the tendency toward more leisure time.—Mr. Roberts.

CHEMISTRY

Mr. Rogers, Mr. Haught, Dr. Ward and Assistants

No person is considered officially enrolled in any laboratory course in Chemistry until he has paid the fee stated in the description of the courses below.

CHEMISTRY 101. *Introductory College Chemistry.* (4 hours).

First semester, M. W. F., 9:00. Laboratory T. and Th., 8:00, D. P. This is a first year college course in the fundamentals of the Science, applying chemical principles to many problems of everyday living. It is designed for students who have not taken chemistry in high school.

CHEMISTRY 102. *Introductory College Chemistry*—continued. (4 hours).

M. W. F., 9:00, Lab. T. and Th. as for Chemistry 101. Prerequisite: Chemistry 101.

CHEMISTRY 103. *General Chemistry.* (4 hours).

First semester. This course is for those students who present a year of high school chemistry for entrance and who have already a fair knowledge of the essentials of Chemistry. M. W. F. at 8:00 and 9:00. Laboratory on T. and Th., 8:00-10:00. Laboratory fee, $2.00.—Mr. Rogers.

CHEMISTRY 104. *General Chemistry.* (4 hours).

Second semester. A continuation of Chemistry 103. Same hours and days as Chemistry 103. Fee, $2.00.—Mr. Rogers.

CHEMISTRY 105. *Chemical Calculations.* (2 hours).

Second semester, T. Th., 11:00. A review and systematic study of the various types of arithmetic and algebraic problems met with in general, analytical and physical chemistry.—Mr. Haught.

CHEMISTRY 107-N. (2 hours).

Second semester, T. Th., 11:00. A review and systematic study of the various types.

CHEMISTRY 107-N. (2 hours).

Tuesday, 1:00-4:00. A course in elementary chemistry on college level. Less emphasis of the theories of inorganic chemistry and a larger attention to organic chemistry than in Chemistry 101. Especially designed for student nurses. Prerequisite: High School Chemistry.

CHEMISTRY 201. *Qualitative Analysis.* (3 hours).

First semester, M. at 1:00. Laboratory to be arranged. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104. Acid and basic analysis with study of theory involved. Fee, $2:00.

CHEMISTRY 240. *Quantitative Analysis.* (3 hours).

Second semester, Monday, 1:00. Laboratory hours to be arranged. Volumetric determinations, chiefly. Prerequisites: Chemistry 101 and 102. Mathematics 111 or 211. Fee, $2.00.—Mr. Rogers.

CHEMISTRY 301. *Organic Chemistry.* (3 hours).

First semester, 9:00, M. W. F. This is the first half of the fundamental course in organic chemistry. It is a systematic study of the aliphatic hydrocarbons and their derivatives. Chemistry 301 should be accompanied by Chemistry 302. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104; Chemistry 201.—Mr. Haught.

CHEMISTRY 302. *A Laboratory Course in Organic Chemistry.*

First semester, 1:00 to 4:00, Tuesdays. This course is designed to accompany Chemistry 301. Prerequisites same as for Chemistry 301. Fee, $3.00.—Mr. Haught.

CHEMISTRY 303. *Organic Chemistry.* (3 hours).

Second semester. This course is a continuation of Chemistry 301 and is devoted largely to the organization of study of the methods of preparation of the aromatic compounds. 9:00 M. W. F. Chemistry 304 should accompany Chemistry 303.—Mr. Haught.

CHEMISTRY 304. *A Laboratory Course in Organic Chemistry.* (1 hour).

Second semester. Tuesday, 1:00 to 4:00. This course is designed to accompany Chemistry 303 and deals with the preparation and purification of various aromatic compounds. Fee, $3.00.—Mr. Haught.

Chemistry 311. *Qualitative Analysis.* (4 hours).

First semester, M. & W. at 1:00 D. P., and additional laboratory to be arranged. Lab. fee, $2.00.—Mr. Rogers.

Chemistry 340. *Quantitative Analysis.* (4 hours).

Second semester, M. & W. at 1:00, D. P. Additional laboratory work at be arranged. Gravimetric and volumetric methods of analysis. Prerequisites: Chemistry 102, Mathematics 111 or 211. Lab. fee, $2.00.—Mr. Rogers.

Chemistry 401. *Quantitative Analysis.* (3 hours).

Second semester. Wednesday at 2:00. Laboratory hours to be arranged. Both volumetric and gravimetric determinations are made with emphasis on the underlying principles of each operation. Prerequisites: Chemistry 101 and 102 or Chemistry 103 and 104; Chemistry 201, and Mathematics 211. Fee, $2.00.—Mr. Rogers and Assistant.

Chemistry 403. *Seminar in Chemistry.* (1 hour).

First semester, Monday at 4:00. A study of Chemical literature, assigned readings, chiefly in scientific journals. Reports. Prerequisites: 12 hours of Chemistry. Omitted in 1944-45.

Chemistry 404. *Seminar in Chemistry.* (1 hour).

Second semester, Monday at 4:00. This course is a continuation of Chemistry 403, but may be taken by an advanced student who has not had Chemistry 403. Omitted in 1944-45.

Chemistry 405. *Physical Chemistry.* (3 to 5 hours). (Lab. to be arranged).

First semester, M. W. F. 11:00. A fundamental course in physical chemistry primarily for chemistry majors. Prerequisites: Chemistry 301, 302, 303, 304, Mathematics 331 and 333, Physics 101 to 104. Omitted in 1944-45.—Dr. Ward.

Chemistry 406. *Physical Chemistry.* (3 to 5 hours). (Lab to be arranged).

Second semester, M. W. F. 11:00. This course is a continuation of Chemistry 405. Prerequisites: Chemistry 405. Omitted in 1944-45.—Dr. Ward.

DEPARTMENT OF EDUCATION

Dr. Shreve, Mr. Fleming, Mr. White, Mr. Hall, Miss Hull,
Miss Leonard, and Miss Gibson

THIRD CLASS ELEMENTARY CERTIFICATE

(Standard Normal)

Required	12 hours
Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 250	3 hours

SECOND CLASS ELEMENTARY CERTIFICATE

Required	15 hours
Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 250	3 hours
Education 325	3 hours

FIRST CLASS ELEMENTARY CERTIFICATE

(Collegiate Elementary)

Required	20 hours
Education 202	3 hours
Education 203	3 hours
Education 204	3 hours
Education 325	3 hours
Education 330	2 hours
Education 420	6 hours
Electives (maximum allowed)	4 hours
Total	20-24 hours

NOTE: Education 250 may be substtiuted for 3 hours of education 420, if taken previously for a second or third class certificate.

THE PUBLIC SCHOOL CERTIFICATE

(The Single Curriculum)

Required	20 hours
Education 202	3 hours
Education 203	3 hours
Education 325	3 hours
Education 326	2 hours
Education 422	3 hours
Education 425	6 hours
Electives (maximum allowed)	6 hours
Total	20-26 hours

NOTE: Education 250 may be substituted for 3 hours of Education 425, if taken previously for a second or third class certificate. Also, Education 204 may be substituted for Education 326.

THE HIGH SCHOOL CERTIFICATE

Required	20 hours
Education 202	3 hours
Education 203	3 hours
Education 325	3 hours
Education 332	4 hours
Education 395	2 hours
Education 450	5 hours
Electives (maximum allowed)	4 hours
Total	20-24 hours

NOTE: Students, having begun their work in Education previous to 1944, will continue on the old program. The courses they need may be selected from the elective group.

ELECTIVE COURSES IN EDUCATION

Education 220	2 hours
Education 324	2 hours
Education 390	3 hours
Education 430	3 hours
Education 435	3 hours
Education 444	2 hours
Education 455	3 hours

DESCRIPTIVE OUTLINES

EDUCATION 202. *Human Growth and Development.* (3 hours).

First semester, 8:00, and second semester, 9:00, M. W. F. Required for all certificates. Open to freshmen and sophomores. The aim of this study is to develop an interest in and an understanding of the child as a developing personality. Emphasis is placed upon the interrelation of the mental, physical, and emotional factors in child development. Approximately, one-third of the time is given to laboratory work, and to field exercises in the form of case studies of children and adolescents.—Dr. Shreve.

NOTE: Students who are candidates for the four-year certificates must begin their work in education in the sophomore year with Education 202, and follow the sequence arranged in the outlines of required courses.

EDUCATION 203. *Human Growth and Development.* (3 hours).

First semester, 9:00; Second semester, 8:00 M. W. F. Required for all certificates. Open to freshmen and sophomores. This subject is a continuation of Education 202, with the emphasis upon learning as a means of growth and development. The laboratory and field exercises are continued as in Education 202. Prerequisite: Education 202.—Dr. Shreve.

EDUCATION 204. *Methods of Teaching in the Elementary School.* (3 hours).

First and second semesters, 8:00 M. W. F. Required for all elementary certificates. This study covers the primary and intermediate grades and deals with the fundamental elements of teaching in the elementary schools. Prerequisites: Education 202 and 203.—Miss Gibson and Miss Leonard.

EDUCATION 220. *Rural Education.* (2 hours).

First semester, 11:00, M. W. F. Elective for elementary certificates. Consideration is given to the major problems of the rural teachers, particularly to the progressive trends in this field.—Mr. Hall.

EDUCATION 250. *Observation and Directed Teaching.* (3 hours).

First and second semesters. Hours to be arranged. Required for the third and second class elementary certificates. Open to sophomores and juniors. The student will do observation and practice teaching under the supervision of the training supervisors. A minimum of 60 clock hours is required and not more than 30% of this time may be given to observation. An average of one quality point on all previous work is required for admission to this course. Prerequisites: Education 202 and 203.—Mr. Hall, Miss Hull, Miss Leonard, and Miss Gibson.

NOTE: Observation and teaching must be done on at least two levels: primary and intermediate or upper grades.

EDUCATION 324. *The State System and Program of Studies.* (2 hours).

First semester, 10:00, T. Th. Elective in all curricula. Required for first and second class elementary certificates of all students graduating under the old requirements. The principal topics are: constitutional provisions for education, the state department of education, the state board of education, the board of control, school revenues, the county board of education, the county superintendent, the certification, tenure, and retirement of teachers.—Mr. White.

EDUCATION 325. *Human Adjustment.* (3 hours).

First and second semesters, 10:00, M. W. F. Required for all certificates, except the third class elementary. Open to juniors. HUMAN ADJUSTMENT is the central theme of this course. Emphasis is placed upon the development of a normal personality and to the prevention of maladjustments. Some attention is given to the methods of diagnosing and treating minor difficulties. Case studies will be made of normal pupils, and of pupils with minor maladjustments. Prerequisites: Education 202 and 203.—Dr. Shreve.

EDUCATION 326. *Primary Methods.* (2 hours).

First semester, 8:00, T. Th. Required in the Single Curriculum and elective in all elementary curricula. Open to juniors and seniors. This course consists of: observation in the primary division of the public schools, readings in primary education for the purpose of evaluating classroom activities, studying the fundamental principles of primary teaching, the direction of economic learning, and the selection of suitable subject matter for the primary grades. Prerequisites: Education 202, 203, and 325.—Miss Gibson.

EDUCATION 330. *The Psychological Principles of Teaching Elementary Subjects.* (2 hours).

Second semester, 8:00, T. Th. Required for first class elementary certificate. This course reviews and interprets a number of important investigations relating to methods of teaching in the elementary subjects. Special emphasis is placed upon the studies relating to reading, language, spelling, handwriting, and arithmetic. Prerequisites: Education 204 and Education 325.—Miss Hull.

EDUCATION 332. *Principles of Teaching in Secondary Schools.* (4 hours).

First and second semesters, 3:00, M. T. W. F. Required for a high school certificate. Primarily for juniors. The aim of this study is to prepare the student for effective high school teaching. The point of view is that of directing the learning of high school pupils. A minimum of one hour a week of observation in the training school is required. Prerequisite: Education 203.—Mr. Fleming or Miss Hull.

EDUCATION 390. *The History of Education.* (3 hours).

First semester, 11:00, M. W. F. Elective in all curricula. A general survey of the development of education with emphasis on the modern period, and in the United States. Open to juniors and seniors. Prerequisites: Education 202, 203, and 325, or Education 331.—Mr. White.

EDUCATION 395. *Guidance in Secondary Schools.* (2 hours).

First and second semesters, 9:00, T. Th. Required in the secondary curriculum and elective in the single curriculum. Open to juniors and seniors. The point of view in this course is guidance at work in the secondary school. Attention is given to educational, vocational, and personnel guidance. Emphasis is given to the research in this field which provides a basis for initiating and operating guidance programs. Prerequisites: Education 202, 203, and 325.—Mr. Hall.

EDUCATION 420. *Observation and Directed Teaching in the Elementary School.* (6 hours).

First and second semesters, hours to be arranged. Required for first class elementary certificates. Open to seniors only. Observation and teaching are required on, at least, two levels: primary and intermediate or upper grades. A minimum of 108 clock hours is required for the 6 hours credit. The maximum allowed for observation is 32 clock hours. These requirements may be met in one semester, if the student can devote two periods a day—or a double period—to this course. Otherwise, two semesters will be required. Prerequisites: Education 202, 203, 204, and 330. Also, a point average of one in education and in all other courses taken previously.

NOTE: Education 250 may be substituted for 3 hours of Education 420, if taken previously for the third class elementary certificate.—Mr. Hall, Miss Hull, Miss Leonard, and Miss Gibson.

EDUCATION 422. *Integrated Methods, Grades 3-12.* (3 hours).

Second semester, 8:00, M. W. F. Required in the single curriculum. Open to seniors. As far as conditions will permit, this course is integrated with observation and practice teaching. An effort is made to get a longitudinal view of methods of teaching as they apply in the intermediate grades, the junior high school and high school. Attention is centered on the growth and development of the pupil through these grades, and the adjustment of methods of teaching to the continuous growth in the ability to learn. Prerequisites: Education 325 and Education 326.—Miss Leonard and Miss Hull.

EDUCATION 425. *Observation and Directed Teaching in the Single Curriculum.* (6 hours).

First and second semesters; hours to be arranged. Required for the public school certificate. Open to seniors only. Observation and teaching are required on three levels: elementary, junior high, and high school. A minimum of 108 clock hours is required for the six hours credit. The maximum allowed for observation is 32 clock hours. These requirements may be met in one semester, if the student can devote two periods a day—or a double period—to this course. A clock hour is interpreted to mean, at least, 50 minutes in the classroom. As a rule, two semesters will be required to earn the six hours credit. Marks earned on the elementary and secondary level must be reported separately to the registrar. Prerequisites: Education 325, 326, and 328. Also, a point average of one in education and in all other courses taken previously.—Mr. Fleming, Miss Hull, Miss Leonard, and Miss Gibson.

EDUCATION 430. *Tests and Measurements in the Public Schools.* (3 hours).

First semester, 1:00, M. W. F. Elective in all curricula. Open to juniors and seniors. The main topics are: statistical methods applied to education, the measurement of mental ability, standardized achievement tests and their uses, the construction of improvised tests, and marking systems. Prerequisite: 9 hours of Educational Psychology.—Mr. White.

EDUCATION 435. *The Pschology of Secondary Education.* (3 hours).

First and second semesters; 9:00, M. W. F. Open to seniors only. This course attempts to apply the principles of psychology to secondary education. A study is made of the psychology of the high school pupil and of several of the high school subjects. Prerequisites: Education 331 and 10 hours credit in Education.—Mr. Hall.

EDUCATION 444. *Statistical Methods Applied to Education.* (2 hours).

Second semester, 2:00, T. Th. Open to seniors in both the elementary and secondary curricula. The chief topics are: measures of central tendencies, measures of variability, and measures of relationship. Special attention is given to the use of the measures in collecting and interpreting educational data. —Mr. White.

EDUCATION 450. *Observation and Directed Teaching in the Secondary School.* (5 hours).

First and second semesters; hours to be arranged. Open to seniors only. A minimum of 90 clock hours of observation and teaching is required, and not more than 30% of this requirement may be satisfied by observation. Prerequisites: Education 325 and 332; and a point average of one on the prerequisites in education, and a point average of one on all academic courses.—Mr. Fleming and Miss Hull.

EDUCATION 455. *The Philosophy of Education.* (3 hours).

Second semester, 11:00, M. W. F. Open to seniors only. Elective in both secondary and elementary curricula. Major topics: the child centered point of view, the social point of view, the function of the teacher and the school, and modern theories of learning. Prerequisites: A minimum of 10 hours in education and senior standing.—Mr. White.

SPECIAL EDUCATION COURSE

EDUCATION 104-N *Psychology for Nurses.* (2 hours).

Includes study of fundamental principles underlying human behavior; the mental processes involved in the adaptation of the individual to life; The origin and development of mental and emotional maladjustments and the place of the nurse in their prevention and care.—Miss Leonard.

ENGLISH

Miss Mason, Dr. Opp, Mr. Rhodes, Mr. Shurtleff,
Miss Tate, Mr. Turley, Mr. Wallman

State Requirements for Teachers in the field of English:

ENGLISH	24 Sem. Hrs. Minimum Required
Required Courses	
Composition—Oral and Written	10
Speech (2)	
English Composition (5)	
Suggested Electives:	
Advanced Composition or Exposition or	
Study of the English Language	
Literature	12
American Literature Survey (3)	
English Literature Survey (3)	
Suggested Electives:	
The Novel	
The Short Story	
The Drama	
Shakespeare	
The Essay	
Contemporary Literature	
Bible as Literature	
World Literature	
The Study of One Literary Period	
Study of Another Author	
(Maximum—3 hours in any subject)	
Special Activities	2
Library Science or Journalism	

ENGLISH

HIGH SCHOOL CERTIFICATES

CURRICULUM A

ENGLISH		24 Sem. Hrs. Minimum Required
Composition—Oral and Written		10
Speech 101, 105, 337	2	
English 103, 107	5	
English 302, 321, 413	3	
Literature		12
English 213, 214	3	
English 401	3	
English 121, 223, 224, 225, 226, 313, 316, 318, 322, 391, 410, Speech 421	6	
(Maximum—3 hours in any one subject)		
Special Activities		2
Library Science 101, 202-A, 202-B	2	
English 241	2	

COURSES IN COMPOSITION AND LITERATURE

English 102. First Year. *Written and Spoken English.* (3 hours).

First semester, 11:00, M. W. F. Training in mechanics of writing and in use of reference books; attention to vocabulary building and to correct speech; short themes. Required in Single Curriculum and Curriculum B.—Miss Tate.

English 103. *Written English.* (3 hours).

First semester. First section, 8:00, M. W. F. Second section, 9:00, M. W. F. Third section, 11:00, M. W. F. Fourth section, 1:00, M. W. F. Fifth section, 2:00, M. W. F. This course is required. Training in punctuation, capitalization, spelling, the theme writing. Second semester, section 1:00, M. W. F. Summer term, 9:00, M. W. F. (D. P.).—Mr. Rhodes, Dr. Opp, Miss Tate.

Enlish 104. First Year. *Written and Spoken English.* (3 hours).

Second semester, 11:00, M. W. F. Study of principles of writing—outlining, organizing, paragraphing; of accurate forms likely to be essential in future experience of student. Attention to speech, both formal and informal. Required in Single Curriculum and Curriculum B.—Miss Tate.

ENGLISH 107. *Freshman English Composition.* (3 hours).

This course is required in college curricula. Designed to treat selection of material, organization of themes, and the developing of principles of writing. Prerequisite: English 103. Second semester, First section, 8:00, M. W. F. Second section, 9:00, M. W. F. Third section, 11:00, M. W. F. Fourth section, 1:00. Fifth section, 2:00.—Dr. Opp, Mr. Rhodes, Miss Tate.

ENLISH 121. *Narrative Poetry.* (3 hours).

Second semester, 1:00, M. W. F. A study of the principles of narrative poetry and of specific selections.—Mr. Rhodes.

ENGLISH 207. *Backgrounds of Literature.* (3 hours).

First semester, 9:00, M. W. F. A survey of the field of prose and poetry available and desirable for presentation to children; development of principles of selection and standards of evaluation; training in presenting poetry and stories. Required in Single Curriculum and Curriculum B.—Miss Tate.

ENGLISH 208. Second Year. *Written and Spoken English.* (3 hours).

First semester, 1:00, M. W. F. Development of ability to communicate in clear, effective, correct English. Training in written composition and in speech. Prerequisites: English 102 and 104. Required in Single Curriculum and Curriculum B.—Mr. Wallman.

ENGLISH 213. *American Literature to 1860.* (3 hours).

First semester, 10:00, M. W. F. Summer 10:30 (D. P.). A general introduction to the different periods and the various types of American literature up to 1860.—Miss Tate.

ENGLISH 214. *American Literature from 1860 to Present Time.* (3 hours).

Second semester, 10:00, M. W. F. A continuation of English 213 giving survey from 1860 to present time. Largely a reading course.—Miss Tate.

ENGLISH 220. *Journalism (Advertising).* (3 hours).

Persons taking this course from the advertising staff of the Columns. Elementary principles of soliciting, advertising, and the writing of ads are studied. Laboratory periods. First semester, 10:00, M. W. F. Repeated second semester.—Miss Mason.

ENGLISH 223. *The Old Testament.* (3 hours).

10:00, M. W. F. The aim of this course is to indicate the main literary types found in the Old Testament.—Mr. Rhodes.

ENGLISH 224. *The New Testament.* (3 hours).

10:00, M. W. F. A continuation of Course 223 with careful study of the literary types and elements in the New Testament. The Testament courses are offered in alternate semesters.—Mr. Rhodes.

ENGLISH 225. *The Modern Novel.* (3 hours).

First semester, 8:00, M. W. F. Steady reading of the best British and American fiction, with collateral study of the historical development of the novel to develop taste and an understanding of the literary movements in fiction. Elective in Single Curriculum.—Dr. Opp.

ENGLISH 226. *Modern British and American Poetry.* (3 hours).

Second semester, 8:00, M. W. F. Reading and study of contemporary poetry, American and British, and discussions and lectures on the new poetry movement.—Dr. Opp.

ENGLISH 241. *Journalism.* (3 hours).

First semester, 8:00, M. W. F. Work done is designed to enable students to read the daily newspaper intelligently and to acquire skill in newsgathering and newswriting. Repeated second semester.—Miss Mason.

ENGLISH 302. *Narrative and Descriptive Writing.* (2 hours).

First semester, 1:00, T. Th. Reading of models of narration and description in literature and training in writing. Prerequisite: English 107.—Miss Tate.

ENGLISH 313. *Shakespeare.* (3 hours).

First semester, 11:00, M. W. F. Reading of such plays of Shakespeare as will give the student some knowledge of the author's development in dramatic technique and character delineation, and such knowledge of the laws of dramatic art as is necessary for literary appreciation.—Mr. Rhodes.

ENGLISH 316. *Nineteenth Century Literature.* (3 hours).

Second semester, 11:00, M. W. F. A survey study of the essays, fiction, and the poetry of the nineteenth century.—Dr. Opp.

ENGLISH 318. *Modern Drama.* (3 hours).

Second semester, 1:00, M. W. F. Historical background of drama. Study of modern dramas—Continental, British, and American. Elective in Single Curriculum. Summer, second term, 9:00 (D. P.).—Miss Tate.

ENGLISH 321. *A Study of the English Language.* (3 hours).

First semester, 9:00, M. W. F., Summer, second term, 10:30 (D. P.). A complete review of the rules of spelling, grammar, punctuation, outlining, sentence and paragraph structure, and forms of writing; study of language, diction and word analysis. Required in Single Curriculum.—Miss Tate.

ENGLISH 322. *The Modern American Short Story.* (2 hours).

Second semester, 1:00, T. Th. A comprehensive study of this narrative form, stressing particularly the work of contemporary American writers in this field. Emphasis falls upon the technique used in the development of the modern tale.—Dr. Opp.

ENGLISH 341. *Journalism.* (2 hours).

First semester, 11:00, T. Th. News editing, headline writing and makeup are studied in this course. Prerequisite: English 241. Repeated second semester.—Miss Mason.

ENGLISH 351. *Study and Appreciation of English Literature.* (3 hours).

First semester, 10:00. An introduction to the study and interpretation of poetry as illustrated in the work of representative English poets: Arnold, Byron, Browning, Milton, Tennyson, and Wordsworth. Some consideration will be given to the drama, novel, short story, and modern English poetry. Required in Single Curriculum.—Dr. Opp.

ENGLISH 361. *American Literature.* (3 hours).

Second semester, 10:00, M. W. F. A study and appreciation of American Literature. Emphasis on the major authors from Franklin to Whitman. Required in Single Curriculum.—Miss Tate.

ENGLISH 391. *Guided Reading.* (1 hour).

Hours to be arranged. This course consists of reading according to the student's interest, tastes, and needs, of weekly conferences with the instructors, and of group discussions.—Mr. Shurtleff.

ENGLISH 401. *A Survey of British Literature.* (3 hours).

Second semester, 10:00, M. W. F. In this course the student is given a chronological survey of the entire field of British Literature from the earliest times down to the present.—Dr. Opp.

ENGLISH 410. *World Literature.* (3 hours).

Second semester, 2:00, M. W. F. This course embraces a careful reading and study of choice selections from many countries other than Great Britain and the U. S.—Mr. Shurtleff.

ENGLISH 413. *Expository Writing.* (2 hours).

Second semester, 1:00, T. Th. Designed to train in the writing of papers on themes of some difficulty. Prerequisite: English 103 or 107.—Miss Tate.

ENGLISH 441. *A Survey of War-time Journalism.* (3 hours).

The story of the war as it is told daily in news stories, pictures, editorials, cartoons, comics and on the radio is studied in this course. A comprehensive scrap book, suitable for use in classrooms, or as a war-history for posterity, is kept. Reading of books by war correspondents also is required.—Miss Mason.

HEALTH AND PHYSICAL EDUCATION*

Mr. Colebank, Miss White, Miss Fitz Gibbons, and Mr. Wilson

State Requirements for Teachers in the field of Physical Education:

PHYSICAL EDUCATION	24 Sem. Hrs.
Required Courses	Minimum Required
Anatomy, Physiology, and Kinesiology	4 hours
Health Education and Hygiene	4 hours
Principles, Organization and Administration of Health and Physical Education	2 hours
Physical Inspection and Correction of Remedial Defects	1 hour
Theory and Practice of Physical Education as follows:	13 hours

	Men	Women
Team Sports Baseball, football, basketball, track and field, volley ball, speed ball, soccer, softball, touch football, field ball, field hockey, and officiating.	5	5

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*No credit in Physical Education shall be allowed for participation in intercollegiate sports.

Recreational Activities Swimming, archery, golf, tennis, badminton, table tennis, handball, boxing, wrestling, gymnastics, and apparatus.	3	3
School and Community Activities Games, first aid, camping and hiking, scoutmastership, and club leadership.	4	4
Rhythms Folk, natural, social, clog and tap dancing, marching and calisthenics.	1	3

HEALTH AND PHYSICAL EDUCATION

Minimum State Requirements

PHYSICAL EDUCATION	24 Sem. Hrs.
Anatomy, Physiology and Kinesiology, four or more from Biology 310, 311	4 hours
Health Education and Hygiene four hours from Physical Education 102, 205	4 hours
Principles, Organization and Administration of Physical Education, two or more hours from Physical Education 358	2 hours
Physical Inspection and Correction of Remedial Defects, one hour from Physical Education 402	1 hour
Theory and Practice of Physical Education as follows:	13 hours

Team Sports, Five or more hours from Physical Education 103A, 103B, 103C, 105, 320, 321, 115.

Recreational Activities. Three or more hours from Physical Education, 103D, 107, 116, 209.

School and Community Activities. Four hours from Physical Education 250, 313.

Rhythms. One or more hours from Physical Education 130.

Requirements for College Course—(4 hours in Health and P. E.)

Physical Education 102	2 hours

Physical Education from Physical Education 105, 107, 250, 115, 116, 130, 224, 230, 400.

Requirements for Standard Normal Course .... 6 hours

P. E. 102	2 hours
P. E. 105	2 hours
P. E. 107	2 hours
P. E. 250	2 hours
P. E. 313	2 hours

FOR MEN

Mr. Colebank, Mr. Wilson

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Physical Education 102. *Physiology and Hygiene.* (2 hours).

First semester, 9:00 T. Th. The facts and principles of anatomy and physiology are taught in so far as they furnish some basis and reason for the more practical rules of hygiene. There will be numerous classroom demonstrations and reports.—Mr. Wilson.

Physical Education 103-A. *Football.* (1 hour).

First semester, 4:00, M. T. W. Th. Participation in the fundamentals of football.—Mr. Colebank and Mr. Wilson.

Physical Education 103-B. *Basketball.* (1 hour).

First semester, 4:00, M. T. W. Th. Participation in the fundamentals of basketball.—Mr. Colebank and Mr. Wilson.

Physical Education 103-C. *Baseball.* (1 hour).

Second semester, 4:00, M. T. W. Th. Participation in the fundamentals of baseball.—Mr. Colebank and Mr. Wilson.

Physical Education 103-D. *Tennis.* (1 hour).

Second semester, 4:00 M. T. W. Th. Participation in the fundamentals of tennis.—Dr. Lindley.

Physical Education 105. *Gymnasium and Team Sports.* (2 hours).

First semester, 11:00, M. T. W. Th. Applied Gymnasium, exercise, marching, soccer, softball, touch football, volley ball, speed ball, and other team activities.—Mr. Wilson.

Physical Education 107. *Recreational Games.* (2 hours).

Second semester, 11:00, M. T. W. Th. Badminton, Archery, Table Tennis, Handball, Boxing, Wrestling, and other individual activities.—Mr. Wilson.

Physical Education 115. *Team Games.* (1 hour).

First semester, 3:00, M. T. F. Includes Touch Football, Basketball, Volley Ball, Soccer, Softball.—Mr. Colebank.

Physical Education 116. *Individual Activities.* (1 hour).

Second semester, 3:00, M. W. F. Includes Archery, Badminton, Table Tennis, Handball, Boxing, Wrestling, Horseshoes, Foul Shooting.—Mr. Colebank.

Physical Education 118. *Military.* (2 hours).

First semester, M. W. F., 11:00 and 2:00. The two classes come together on Tu., 10:00. All men students are required to take this course. This course consists of military drill, military courtesies, manual of arms, calisthenics, and contact games and individual activities.—Mr. Colebank and Mr. Wilson.

Physical Education 119. *Military.* (2 hours).

Second semester, M. W. F., 11:00 and 2:00. The two classes come together on Tu., 10:00. Work and requirements same as 118 above.

The two courses 118 and 119 may be substituted for 105 and 107 for the duration of the war. Primarily this will concern only Physical Education Majors.

Physical Education 205. *Personal and General Hygiene.* (2 hours).

Second semester, 9:00 T. Th. Personal and General Hygiene as a means to improve the quality of human life. A biological approach to study ways of improving health and preventing disease and to help adjust ourselves socially.—Mr. Wilson.

Physical Education 112. *Swimming.* (1 hour).

First and second semesters. For beginners only, or those who have not learned to keep afloat in water.—Mr. Colebank.

Physical Education 212. *Intermediate Swimming.* (1 hour).

First and second semesters. Includes lessons in crawl, breast stroke, side stroke, deep water emergency tests and recreational activities.—Mr. Wilson.

PHYSICAL EDUCATION 131. *Social Dancing.* (1 hour).

First semester, 9:00 T. Th. Prerequisite: Women—Physical Education 111. Men — Consent of instructor. — Miss Fitz Gibbons.

PHYSICAL EDUCATION 231. *Folk Dancing.* (1 hour).

Second semester. See description with women's courses. Open to men and women.

PHYSICAL EDUCATION 250. *School and Community Games.* (2 hours).

Second semester, 2:00, M. W. F. Teaching of games for mass athletics, playground work, games for rural schools, recess periods, games primarily for grades one to eight.—Mr. Colebank.

PHYSICAL EDUCATION 133. *Tap Dancing.* (1 hour).

PHYSICAL EDUCATION 310. *Human Anatomy.* (3 hours).

First semester, M. W. F., 11:00, Lab. F., 1:00-3:00. This is an introductory course in the study of the human body. It is designed for teachers of biology, home economics and physical education. The chief systems of the body are studied with reference to the work of teachers. Two periods a week will be devoted to lectures, recitations, discussions, etc. A double period each week will be given to laboratory work. Prerequisites: Biology 101 or 104 and 105.—Dr. Hunt.

PHYSICAL EDUCATION 311. *Kinesiology.* (3 hours).

Second semester, M. W. F., 11:00. This course involves a study of the human body as related to movement. It is offered primarily for students in physical education.—Dr. Hunt.

PHYSICAL EDUCATION 312. *Life Saving.* (1 hour).

Second semester. Includes practice in breaks, carries and other measures with a view to securing a Senior Red Cross Life Saving Certificate. Prerequisite: Swimming 212 or equal. —Miss Fitz Gibbons.

PHYSICAL EDUCATION 313. *First Aid and Scoutmastership.* (2 hours).

First semester, 1:00 M. W. F. The skill of caring for injuries and preventive measures and the organization and handling of scout work.—Mr. Colebank.

PHYSICAL EDUCATION 320. *Coaching of Football.* (2 hours).

First semester, 1:00, T. Th. Topics considered: fundamentals of body and ball handling, passing, kicking, blocking, tackling, team offense and defense, formations and styles of play.—Mr. Colebank and Mr. Wilson.

PHYSICAL EDUCATION 321. *Coaching of Basketball and Baseball.* (2 hours).

Offered only in odd numbered years. Second semester, 1:00 T. Th. Topics considered: fundamentals of ball and body handling, passing, dribbling, team offense and defense, formations and styles of play. Baseball considers batting, fielding, position, play, offense and defense, and other procedures of play.—Mr. Colebank.

PHYSICAL EDUCATION 358. *Organization and Administration of Health and Physical Education.* (2 hours).

Second semester, 1:00 M. W. F. Administrative procedures in the conduct of health and physical education in relation to program, facilities, awards, staff, class details, finance, publicity, recreation, interscholastic and intramural athletics, organizations, and tests and measurements.—Mr. Wilson. Offered only in even numbered years.

PHYSICAL EDUCATION 402. *Correctives.* (1 hour).

First semester, 2:00 T. Th. Theory and practice in giving health examinations and aid in correcting certain defects.—Mr. Colebank.

WOMEN'S HEALTH AND PHYSICAL EDUCATION DEPARTMENT

Miss White, Miss Fitz Gibbons

Requirements—First or Second Teaching Field:

	State Requirements
Anatomy, Physiology and Kinesiology from Biology 310 and 311	4 hours
Health Education and Hygiene from Health Education 102 and 336	4 hours
Physical Inspection and Correction of Remedial Defects from H. E. 446	1 hour
Theory and Practice of Physical Education as follows:	13 hours
Team Sports from Physical Education 123, 217, 226	3 hours

Recreational Activities from
Physical Education 112, 212, 224, 225, 302, 401 — 3 hours
School and Community Activities
from Physical Education 222, 223, 403 — 4 hours
Rhythms
from Physical Education 113, 131, 133, 231, 331 — 3 hours

Students electing this field are required to take Art 101 and Music 101, and Biology 101 or 104 and 105 as prerequisites for Anatomy, Physiology and Kinesiology.

GENERAL REQUIREMENTS IN HEALTH AND PHYSICAL EDUCATION TOWARD A.B. AND B.S. DEGREES

First Year—
Hygiene 102 — 2 hours
Physical Education 111 — 1 hour

Second Year—
Physical Education (not including 222) choice — 1 hour

Requirements for
1. Elementary Teachers Certificate.
2. Public School Certificate—Single Curriculum (4 years).

First Year—
Freshman Orientation—P. E. 101 — 2 hours

Second Year—
Rhythmic Activities—P. E. 231 — 1 hour
Leadership in Recreational Activities—P. E. 214 — 1 hour

Third and Fourth Years—
Team Games—P. E. 123 or 226 — 1 hour
Individual and Dual Sports
P. E. 112, 212, 224, 225, 302 or 402 — 3 hours

Department Regulations for Students Majoring or Minoring in Physical Education. These requirements are toward A.B. degree in Education and B.S. degree—with major in Physical Education.

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Health Ed. 102	2	P. E. 117	1
P. E. 112, 212[1]	1	P. E. 131	1
P. E. 113	1	P. E. 133	1
P. E. 123	1	Elective: Music 101	2
Elective: Music 101	2	Biol. 105	3
Biol. 104	3		

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[1] 1—Swimming tests will determine whether courses 112 or 212 is to be required.

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
P. E. 212, 312[2]	1	P. E. 223	2
P. E. 217	1	P. E. 225	1
P. E. 222	1	P. E. 226	1
P. E. 231	1		
P. E. 224	1		

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
P. E. 312 or 314[2]	1	P. E. 315	1
P. E. 331	1	Health Ed. 336	2
Biol. 310	3	P. E. 335	3
		P. E. 302	1
		Biol. 311	3

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Health Ed. 446	3	P. E. 421	2
P. E. 401	1	P. E. 403	1

GENERAL INFORMATION CONCERNING COURSES IN HEALTH AND PHYSICAL EDUCATION

No student is considered officially enrolled in any activity course in Physical Education until he has had his Health Examination by the College Physician.

Students engaged in activity course adopt the costume required. Information as to securing the costume may be obtained from the department.

Students who desire to elect Physical Education as one of their teaching fields will follow the requirements for preparation for First or Second Teaching Field. Each student in this field should consult the director of the department before completing his schedule at the beginning of his first year.

SERVICE COURSES

It is the desire of the Women's Physical Education Department to provide opportunity for all women to participate in sports and recreative activities and to receive instruction in such, according to their individual interests and needs. Classes in Swimming, Dancing, Archery, Golf, Tennis. Recreational

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[2] Depending upon swimming ability.

Games, Basketball, Saftball, Volley Ball and Badminton, and others are open to all women on the campus. A description of these classes is included under Physical Education.

The Modern Dance Club

An organization open to any girl interested in furthering her skill in contemporary dance technique.

Intra-Murals

The Women's intra-mural program consists of tournaments in Basketball, Volley Ball, Archery, Swimming, Bowling, and Recreational games. Opportunity for instruction as well as participation is provided. These activities are open to all women students.

The Splashers Club

An honorary social swimming organization open to women students who wish to further their swimming ability. Certain standards must be met for membership in the club and tryouts are given the first of each semester.

DESCRIPTION OF COURSES

Courses starred are required of all students pursuing first or second teaching field in Physical Education.

HEALTH EDUCATION

*HEALTH EDUCATION 102. *Personal and Community Health Education.* (2 hours).

First and second semesters. The purpose of this course is to help the student acquire attitudes, habits, and knowledge, favorable to attaining and maintaining the highest possible status of personal health and cooperation as a citizen in the community health program. Required of all Freshmen except elementary and single curricula.

HEALTH EDUCATION 305. *Home Nursing.* (2 hours).

First and second semesters. This course deals with practical procedures in the care of a sick person in the home. Elective.

*HEALTH EDUCATION 336. *Health Education in Junior and Senior High Schools.* (3 hours.)

First semester. A study of health habits, attitudes and knowledge; and their application on the secondary school level. Prerequisite: Biology 311.

*Health Education 446. *Corrective and Reconstructive Physical Education.* (3 hours).

Second semester. This course deals with the theory of health examinations, the diagnosis and methods for correction of postural defects. Students are provided opportunity for practical experience in examining. Prerequisite: Biology 311.

PHYSICAL EDUCATION

Physical Education 101. *Orientation in Physical Education.* (2 hours).

This course will consist of four clock hours per week. Part of the time will be spent in the classroom and part in the gymnasium. Emphasis will be placed upon giving the student an opportunity for improving his physical well-being through study of his health status and directed activity. Health problems and procedures as related to the school child will be pursued. Required of students pursuing Single Curriculum and Teaching Fields on elementary level.

Physical Education 111. *Introduction to Physical Education.* (1 hour).

First and second semesters. An orientation course primarily for those students who have little or no background in physical activities. It includes instruction in the fundamentals of various team games such as volley ball and basketball, rhythmical activities such as social and tap dancing, individual recreational activities such as badminton and ping pong. Required of Freshmen pursuing A.B. or B.S. degree unless P.E. is the first or second teaching field.

*Physical Education 112. *Beginning Swimming.* (1 hour).

This course includes practice in elementary swimming, diving, and safety tests, and is planned with a view to develop individual self confidence and enjoyment of water activities. First and second semesters.

*Physical Education 113. *Beginning Modern Dance.* (1 hour).

A course which includes natural activities arranged in dance form with a study of the simple dance and music forms. First semester.

*Physical Education 117. *Fundamentals of Physical Education.* (1 hour).

Second semester. The purpose of this course is to help the student acquire basic skills which are essential for all activity work. It includes marching, conditioning, calisthenics, stunts and tumbling, swimming, archery and rhythm work. It is open only to majors and minors in physical education.

*Physical Education 123. *Softball and Volley Ball.* (1 hour). First semester.

*Physical Education 131. *Social Dancing.* (1 hour).

First semester. This is a course in modern ballroom dancing for beginners. Fundamental, popular steps, and social usage are presented. Open to women and men.

*Physical Education 133. *Tap Dancing.* (1 hour).

First semester. Clog and tap routines progressing in difficulty. Complete analysis of fundamental steps and original routines worked out. Open to women and men.

*Physical Education 212. *Intermediate Swimming.* (1 hour).

First and second semesters. A course for the purpose of increasing one's skill in the fundamental swimming strokes, in diving, and for the development of individual abilities and desires along the line of water sports. Prerequisite: Ability to swim in deep water.

*Physical Education 214. *Leadership in Recreational Activities.* (1 hour).

Second semester. In this course emphasis will be placed upon organizing groups for physical activities on the playground, in the gymnasium and in the classroom. Material suitable for age and grade level will be investigated. Required of students pursuing Single Curriculum and teaching fields on the elementary level.

*Physical Education 217. *Advanced Fundamentals and Speedball.* (1 hour).

First semester. This course is a continuation of beginning fundamentals and will include outdoor work in field ball, track, and speedball. Prerequisite: Physical Education 117.

*Physical Education 222. *First Aid.* (1 hour).

First semester. This course aims to give the student knowledge and skill necessary to care for such minor injuries as might occur on school gymnasiums, playgrounds, or athletic fields. The Standard American Red Cross Course is followed and a certificate is awarded to those fulfilling the requirements. This course may not be substituted for an activity course.

*PHYSICAL EDUCATION 223. *Playground and Recreation.* (2 hours).

Second semester. A course dealing with the theory and practice of directing recreational activities for children, adults and mixed groups. Special emphasis is directed toward programs for small communities and rural areas. May not be substituted for an activity course.

*PHYSICAL EDUCATION 224. *Archery and Badminton.* (1 hour).

First semester. A course of instruction in the fundamentals of Archery and Badminton.

*PHYSICAL EDUCATION 225. *Tennis.* (1 hour).

Second semester. This course deals with the fundamentals of Tennis. It is open to beginners and more advanced players.

*PHYSICAL EDUCATION 226. *Basketball and Soccer.* (1 hour).

Second semester. This course consists of instruction in Basketball during the winter months, and Soccer in the Spring. It is open to beginners and more advanced players.

*PHYSICAL EDUCATION 231. *Folk Dancing.* (1 hour).

First semester. This course consists of instruction in folk dances of various countries. Emphasis is placed upon both the traditional and recreational values of this activity. Required in Single Curriculum.

*PHYSICAL EDUCATION 302. *Golf.* (1 hour).

Second semester. Instruction in fundamentals of golf. Opportunity for players on course in Spring. Open only to beginners.

*PHYSICAL EDUCATION 312. *Life Saving.* (1 hour).

First semester. This course is open to students who wish to prepare themselves for camp and pool water-safety positions. It includes practice in breaks, carries, and other safety measures with a view to securing a Senior Red Cross Life Saving Certificate. Prerequisite: Ability to execute the fundamental strokes and self confidence in the water.

*PHYSICAL EDUCATION 314. *Advanced Swimming.* (1 hour).

First semester. This course will be for students above intermediate level who have a desire to perfect their swimming strokes and who are interested in rhythmic swimming. Advanced diving will also be included. Prerequisite: Physical Education 212 or passing of an intermediate swimming test.

*PHYSICAL EDUCATION 315.

Second semester. A study of the teaching of water activities, including an analysis of major swimming strokes and of diving, and the fundamentals of water safety. It also includes details relating to water pageants, games and sports, and how to control sanitation. This course is especially planned for those intending to teach water activities.

*PHYSICAL EDUCATION 331. *Intermediate Modern Dance.* (1 hour).

Second semester. This course includes a study of the more advanced dance patterns and music forms, as well as work in dance composition. Prerequisite: Course in Beginning Modern Dance or its equivalent.

*PHYSICAL EDUCATION 335. *Methods of Teaching Physical Education on Secondary Level.* (2 hours).

Second semester. Open to junior students, majors or minors in Physical Education. Members of the class participate in the organization and direction of selected Physical Education activities.

*PHYSICAL EDUCATION 401. *Recreational Games.* (1 hour).

First semester. This course consists of badminton, deck tennis, shuffleboard, paddle tennis, ping pong, and other individual and dual sports. Open only to upper-classmen—men and women.

*PHYSICAL EDUCATION 403. *Campcraft, Hiking and Outdoor Activities.* (1 hour).

Second semester. This course is open to all students who wish to prepare themselves for camp or recreational work. The basic knowledge of this course will be carried out into practical applications.

*PHYSICAL EDUCATION 421. *Organization and Administration.* (2 hours).

Second semester. This course deals with the problems and methods of organization and administration in health and physical education departments. It is open only to majors and minors in the department. Prerequisite: Physical Education 335.

HOME ECONOMICS

Miss Compton, Miss Richmond, Miss Miller

State requirements for teachers in the field of Home Economics:

HOME ECONOMICS	General 24 Sem. Hrs. Min. Required
Required Courses	
Foods and Nutrition	9
Textiles and Clothing, including Clothing Selection, Construction and Design	6
Applied Art, including Home Decoration and Furnishing	4
Home Management	3
Child Care and Development	2
Child Care and Development	2
Electives (Unrestricted)	
Art	4

GENERAL INFORMATION

A college student may major in Home Economics under the requirements of the Bachelor of Arts or Bachelor of Science degree. Either degree, with the required education subjects, may lead to teacher certification. A student's choice of a degree will depend upon native interests and abilities and the goal she seeks. The A. B. degree may qualify her to teach non-vocational home economics in high schools. The B. S. degree leads to teaching or such specializations as dietetics, institutional management, textile or food technology. The curriculum for the A. B. or B. S. degree differentiates at the beginning of the junior year. To answer questions of students regarding requirements for dietitians, these as set up by the American Dietetics Association, are listed below:

Chemistry—12 hours—General, Organic and Biochemistry.

Biology—6 hours—Human Physiology and Bacteriology.

Foods—6 hours—Food Preparation and Meal Planning.

Nutrition and Dietetics—6 hours.

Institutional Management — 6 hours — Quantity Cookery and Organization and Management.

Following these, hospital internship is required.

*Home Economics 101. *Elementary Clothing.* (3 hours).

First semester, M. W., 1:00-4:00. Two three-hour laboratory periods. This course deals with the principles of construction and practice in fundamental processes. Emphasis is placed upon suitability of material and economical purchasing.—Miss Compton.

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*Required Courses.

*HOME ECONOMICS 102. *Clothing Selection and Construction.* (2 hours).

Second semester, 4 hours, M. W., 2:00-4:00. This course provides instruction in planning, buying, cutting, fitting, making of dresses and assembling the ensemble. Prerequisite: Home Economics 101.—Miss Compton.

*HOME ECONOMICS 104. *Principles of Clothing Design.* (2 hours).

Second semester, M. W., 1:00. This course includes the study of line, color and texture in relation to individual types. Prerequisite or parallel: Art 101.—Miss Compton.

HOME ECONOMICS 105. *Clothing Reclamation.* (1 hour).

Second semester, T. Th., 9:00. Redesigning, redecorating, reconstructing and converting garments. Includes renovation and dyeing.—Miss Compton.

HOME ECONOMICS 110N. *Foods and Nutrition for Nurses.* (3 hours).

First semester, M. 1:00-4:00, T. 10:00. The food requirements of an adequate diet for normal individuals. Calculation of the nutritive value of recipes and the planning of diets to meet specifications. Practice in food preparations suitable for liquid, soft and light diet.—Miss Richmond.

*HOME ECONOMICS 201. *Elementary Foods.* (3 hours).

First semester, T. Th., 1:00-4:00. Application of recent theories of food preparation as they affect the nutritive value, flavor and appearance of food. Preservation and use of available foods under war conditions. Prerequisites: Chem. 101 and 102.—Miss Richmond.

*HOME ECONOMICS 202. *Advanced Foods.* (3 hours).

Second semester, T. Th., 1:00-4:00. Continuation of Home Economics 201; also meal service with emphasis on cost in time and money.—Miss Richmond.

Home Economics 203. *Children's Clothing.* (2 hours).

Second semester, M. W. F., 10:00. This course includes the planning, purchasing and making of children's clothing, considering hygiene, comfort, beauty, and practicability. Prerequisite: Home Economics 101.—Miss Compton.

*Home Economics 210. *Textiles.* (3 hours).

First semester, M. T. W. Th., 11:00. A course designed to give a knowledge of the important textile fibers, their manufacture, use and care.—Miss Compton.

Home Economics 230. *Handcraft.* (2-3 hours).

Second semester, M. W. F., 8:00. Practical leisure activities; weaving, knitting, crocheting and related crafts. Elective.—Miss Compton.

Home Economics 232S. *Recreational Cookery.* (2 hours).

Cookery from the art rather than the science viewpoint. Some essential cookery skills demonstrated; these applied to camp cookery, buffet suppers, teas, coffees; foreign foods and recipes.—Miss Richmond.

*Home Economics 303. *Nutrition.* (3 hours).

First semester, M. W. 8:00, W. 2:00-4:00. Nutritive value of foods, raw and cooked; their relation to health of children and adults. Materials and methods of popularizing the facts of nutrition in the community. School lunch problems. Each student will give a definite amount of time to cafeteria observation and experience. Prerequisite: Home Economics 201, 202. Open to non-majors by consent of instructor. Meets requirements for Red Cross Nutrition Certificate.—Miss Richmond.

Home Economics 304. *Dietetics.* (2 hours).

Second semester, T. Th., 8:00-10:00. A qualitative and quantitative study of food selection for individuals, children and adults. Dietaries computed and executed. Prerequisite: Home Economics 303. Especially recommended for home economics majors.—Miss Richmond.

Home Economics 312. *Consumer Education.* (2 hours).

Second semester, M. W., 10:00. The consumers wartime economic program; rationing, price ceilings, savings programs, sources of information on the care, repair and necessary purchases of household consumable goods.—Miss Richmond.

*Home Economics 315. *Home Management.* (3 hours).

Second semester, M. W. F., 9:00. A study of the management of the home, financial and mechanical.—Miss Compton, Miss Richmond.

*Home Economics 320. *Home Planning and Furnishing.* (4 hours).

First semester, M. W. F., 9:00 to 11:00. A study of the evolution of the house, modern houses, location, construction, from a scientific, sanitary, economic and artistic standpoint. Prerequisite: Art 302.—Miss Compton.

*Home Economics 330. *Child Care and Development.* (2 hours).

Second semester, M. W., 2:00. The care and development of the infant and pre-school child from the standpoint of home and parent.—Miss Richmond.

Home Economics 403. *Costume Design.* (2 hours).

Second semester, M. W. F., 8:00. A practical application in cloth of the designs created in Costume Design in Art Department. Prerequisite or Parallel: Home Economics 101, 102, 104, and Art 403.—Miss Compton.

Home Economics 406. *Home Economics Techniques.* (2 hours).

First semester, T. Th., 8:00. Required for teachers. The philosophy of home economics and its historic background. Much thought is given to organization of teaching materials; books, pamphlets, bulletins and illustrative material. Experience before the group in such techniques as demonstration and discussion leading.—Miss Compton and Miss Richmond.

Home Economics 408. *Diet in Disease.* (3 hours).

The diet therapy approach in disease. Staff member of Fairmont General Hospital.

Home Economics 410. *Advanced Textiles.* (3 hours).

Second semester, M. T. W. Th., 11:00. Qualitative analysis of textile fabrics. The course includes microscopic study and chemical testing of textile fabrics.—Miss Compton and Mr. Rogers.

Home Economics 440. *Quantity Cookery.* (3 hours).

First semester, M. W. F., 10:00 D. P. This course gives training in the selection, purchase and preparation of foods in large quantities. Menu making, food standards, food costs and food service will be stressed. Cafeteria and residence hall will be used for laboratory. Prerequisite: Home Economics 303.—Miss Miller.

Home Economics 414. *Institutional Management.* (3 hours).

Second semester, M. W. F., 10:00. A study of the organization and management problems in food service units in institutions. Emphasis will be placed on Types of Management; Personnel problems; Records for control; Store-room procedure; Floor plans and routing; Equipment and Furnishings. Prerequisite: Home Economics 440.—Miss Miller.

LANGUAGES

(Other than English)

Miss Ice, Miss Terry, Mr. Freed

FRENCH

Miss Ice, Miss Terry, Mr. Freed

State Requirements for Teachers in the field of French:

FRENCH	24 Sem. Hrs.**
Suggested Courses	Maximum Permitted
French Grammar and Composition	4
Modern Fiction since 1800	3
Drama of the 19th Century	3
Advanced Readings	6
Advanced Grammar and Pronunciation	3
Classical School	6
Oral French	3
French Literature	6
French Civilization and Culture	3

Two years high school French will substitute for French Courses 101 and 102. In such cases students should begin with French 203 and 221.

**2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

French 101. *Beginners' Course.* (3 hours).

First semester, 11:00, M. W. F. Pronunciation, early reading for comprehension of easy prose, elements of grammar, regular verbs and common irregular verbs, oral and written drill and composition.

French 102. *Elementary French.* (3 hours).

French 201. *Review Grammar and Composition.* (2 hours).

Second semester, 9:00, T. Th. The aim is to learn to use the language in easy idiomatic writing, with grammar as a means to this end. Prerequisites: French 101 and 102 or two units of high school French.

French 203. *Oral French.* (2 hours).

First semester, 9:00, T. Th. Pronunciation, oral reading, conversation. Prerequisites the same as for French 201.

French 221. *Modern Fiction since 1800.* (3 hours).

First semester, 10:00, M. W. F. Class and collateral reading in French of easy novels and short stories by well kown French authors, stressing comprehension, appreciation of story and style, and some understanding of general literary trends. Prerequisites: French 101 and 102, or two units of high school French.

French 222. *Drama of the Nineteenth Century.* (3 hours). 2nd

French 301

Second semester, 10:00, M. W. F. Reading of the plays of Corneille, Racine and Moliere with outside reports from the other writers. Prerequisites: Two years of college French or equivalent.

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French 302. *Literature of the Eighteenth Century.* (3 hours).

Second semester, 9:00, M. W. F. Special emphasis on the writings of Rosseau and Voltaire, with outside readings on the other writers. Prerequisites the same as for French 301.

French 309. *Advanced Grammar and Composition.* (2 hours).

First semester, 11:00. For Juniors and Seniors. Emphasis on grammar not only as something to be learned, but as something to be taught.

FRENCH 310. *Advanced Conversation.* (2 hours).

Second semester, 11:00, T. Th. Prepared talks and free conversation on subjects of practical interest in everyday life. For Juniors and Seniors.

FRENCH 341. *French Civilization and Culture.* (2 hours).

First semester, 10:00, T. Th. Prerequisite: 16 hours of French or equivalent.

FRENCH 409. *Phonetics and Pronunciation.* (2 hours).

Second semester, 8:00, T. Th. Prerequisite: 18 hours of French.

FRENCH 412. *Contemporary Plays.* (2 hours).

FRENCH 421. *The Romantic Movement.* (3 hours).

First semester, 11:00, M. W. F. Emphasis on the poetry of Hugo, Lamartine, Vigny and Musset, with collateral reading of novels and plays. Prerequisite: French 301.

FRENCH 422. *French Literature since 1850.* (3 hours).

A continuation of French 421.

GERMAN

Miss Ice

GERMAN 101. *Beginners' Course.* (3 hours).

First semester, 10:00, M. W. F. Pronunciation, syntax, reading and composition.

GERMAN 102. *Elementary German.* (3 hours).

Second semester, 10:00, M. W. F. Continuation of German 101. Prerequisite: German 101 or one unit of high school German.

GERMAN 201. *Intermediate German.* (3 hours).

First semester, 9:00, M. W. F. Reading, composition, conversation. Prerequisites: German 101 and 102 or two units of high school German.

GERMAN 202. *Intermediate German.* (3 hours).

Second semester, 9:00, M. W. F. Continuation of German 201. Prerequisites: German 101, 102 and 201 of their equivalents.

LATIN

State Requirements for Teachers in the field of Latin:

LATIN		24 Semester Hours
Latin 101		
Latin 102, or		
two units of high school Latin.		
Background	2	
Latin 204		2
Latin 320		2
Composition	4	
Latin 312		2
Latin 314		2
Grammar	3	
Latin 201		3
Literature and History	11	
Latin 225		3
Latin 304		3
Latin 322		3
Latin 324		3
Latin 327		3
Latin 329		3
Latin 404		3
Latin 427		3

LATIN

Miss Terry

Latin 101. *Introduction to Latin.* (3 hours).

First semester, M. W. F., 11:00. This course is given as a prerequisite for law, medicine, ministry, business administration, etc. Equivalent of first year high school Latin.

Latin 102. *Introduction to Latin.* (3 hours).

Second semester, M. W. F., 11:00. Continuation of Latin 101. Equivalent to second year high school Latin.

Latin 201. *Latin Translation.* (3 hours).

First semester, M. W. F., 8:00. This is a translation course with review of syntax introduced in first year. Additional drill on subjunctives, participles, and indirect discourses. Prerequisites: 101-102 or two years of high school Latin.

LATIN 204. *Roman Civilization.* (2 hours).

Second semester, T. Th., 8:00. Comparison of arts, sciences, manners, customs, social and political life of Romans and Americans. References in both Latin and English.

LATIN 225. *Cicero's Orations and Selections from other Works.* (3 hours).

Second semester, M. W. F., 8:00. Translation of Two Orations against Catiline and Pro Archias; selections from Essays and Letters.

LATIN 304. *Horace.* (3 hours).

Second semester, M. W. F., 1:00. Translation of the most important Odes and Epodes of Horace.

LATIN 312. *Latin Composition.* (2 hours).

First semester, T. Th., 9:00. Drill on Latin syntax and composition.

LATIN 314. *Latin Composition.* (2 hours).

Second semester, T. Th., 9:00. Continuation of Latin Composition.

LATIN 320. *Myths and Legends of Greeks and Romans.* (2 hours).

First semester, T. Th., 8:00. Myths read in both English and Latin. Study of Mythological references in English Literature. Place of mythology in modern life.

LATIN 322. *Virgil.* (3 hours).

First semester, M. W. F., 1:00. Study of epic scansion and dactyllic hexameter. Translation of Books I-III Aeneid. Prerequisites.

LATIN 324. *Virgil* (continued). (3 hours).

Second semester, M. W. F., 1:00; Books IV-VI Aeneid. Prerequisites.

LATIN 327. *Roman History.* (3 hours).

First semester, M. W. F., 10:00. Readings in Latin from Cato, Sallust, Tacitus, Suetonius. References in English.

LATIN 329. *Pageant of Poetry and Prose.* (3 hours).

First semester, M. W. F., 10:00. Trace beginnings of Latin poetry and prose from Cato to post-Augustan writers. Stress golden age of Latin literature. These are both in Latin and translation.

LATIN 330. *Pageant of Poetry and Prose* (continued). (3 hours.

Second semester, M. W. F., 10:00.

LATIN 404. *Plautus and Terence.* (3 hours).

Second semester, M. W. F., 10:00. Latin plays, study of Latin tragedy and comedy, classical unities and peculiarities of Old Latin translations.

LATIN 427. *Livy.* (3 hours).

First semester, M. W. F., 10:00. Translation of selections from Ab Urbe Condita Libri, Books I, V, XXI, XXII, XXX and study of the early history of Rome.

SPANISH

SPANISH 101. Elementary Spanish. (3 hours).

First semester, 2:00, M. W. F. Grammar, pronunciation, composition, conversation. No credit toward graduation is given for Spanish 101 without Spanish 102.

SPANISH 102. *Elementary Spanish* (continued). (3 hours).

Second semester, 2:00, M. W. F. Prerequisite. Spanish 101.

SPANISH 201. *Modern Spanish.* (3 hours).

First semester, 9:00, M. W. F. Rapid reading, review of grammar, composition and conversation. Prerequisites: Spanish 101 and 102 or two years of high school Spanish.

SPANISH 202. *Modern Spanish* (continued). (3 hours).

Second semester, 9:00, M. W. F. Prerequisite: Spanish 201.

SPANISH 221. *Intermediate Composition and Conversation.* (2 hours).

First semester, 8:00, T. Th. Prerequisite: Spanish 201.

SPANISH 222. *Intermediate Composition and Conversation* (continued). (2 hours).

Second semester, 8:00, T. Th. Prerequisite: Spanish 221.

Spanish 301. *Nineteenth Century Literature to 1870.* (3 hours).

First semester, 10:00, M. W. F. Lectures, selected reading and reports.

Spanish 302. *Contemporary Literature.* (3 hours).

Second semester, 10:00, M. W. F. Spanish literature since 1898.

Spanish 327. *Advanced Conversation and Composition.* (2 hours).

First semester, 1:00, T. Th.

Spanish 328. *Advanced Conversation and Composition.* (2 hours).

Second semester, 1:00, T. Th.

Spanish 340. *Spanish American Literature.* (3 hours).

First semester, 1:00, M. W. F. Study of Spanish American history and culture through its literature.

Spanish 421. *Literature of the Golden Age.* (3 hours).

First semester, 11:00, M. W. F. Origin and development of drama through the Golden Age, Lope de Vega, and the early novel with selections from Cervantes.

Spanish 422. *Spanish Drama since the Golden Age.* (3 hours).

Second semester, 11:00, M. W. F.

LIBRARY METHODS

Miss Parsons

Library Methods 101. *The Use of the Library.* (2 hours).

First semester, 2:00, T. Th. Library Methods 101-A is a course planned to acquaint students with the resources of the library and to enable them to use this material efficiently. It covers the first nine weeks of the semester, and one hour credit is given.

Library Methods 101-B continues the study of library resources and includes reference material in special fields. It covers the last nine weeks of the semester. Prerequisite: Library Methods 101-A.

Library Methods 202. *The School Library.* (2 hours).

Second semester, 2:00, T. Th. Library Methods 202-A includes a study of the selection of books, magazines, and other library materials useful to teachers. This will be given in the first nine weeks of the semester. One hour credit will be given for this part of the course.

Library Methods 202-B includes a study of simple methods of organization and management of the small school library. For the teacher-librarian. This will be given in the last nine weeks of the semester. Prerequisite: Library Methods 202-A.

Library Methods 304. *Practice Work.* (2 hours).

Hours to be arranged. Prerequisite: Library Methods 202. Individual work based on student's previous experience and related to student teaching when possible. Part of this work is done at the college and part in the training schools.

MATHEMATICS

Requirements for High School Certificate—22 Semester hours.

Two semester hours may be deducted for each high school unit with a maximum deduction of six hours for the following courses: One unit of Elementary Algebra, one unit of Plane Geometry, one-half unit for Intermediate Algebra, Advanced Algebra, and Solid Geometry.

Remaining requirements may be made up from the following courses:

Review Algebra	2 hours
Solid Geometry	3 hours
College Algebra	4 hours
Plane Trigonometry	3 hours
Analytic Geometry	4 hours
Mathematical Theory of Statistics	3 hours
Calculus	8 hours
Differential Equations	3 hours
Theory of Determinants and Analytics of Space	3 hours

Requirements for Majors in Mathematics:

A minimum of thirty-two hours in Mathematics, which must include twelve hours above Mathematics 331 (Integral Calculus) of which the twelve hours must include Math. 401 and 431.

Requirements for Minors in Mathematics:

A minimum of twenty-two hours which must include Mathematics 331 (Integral Calculus).

MATHEMATICS

Mr. McCarty, Mr. Shutts

MATHEMATICS 107. *Mechanical Drawing.* (3 hours).

First semester, 1:00-4:00, M. W. F. A study of the care and use of drawing instruments, lettering, mechanical and perspective drawing, tracing, blue printing, and orthographic projections. (See Art 105.)—Staff.

MATHEMATICS 111. *Review Algebra.* (2 hours).

Each semester, 9:00, T. Th. This course is designed for applicants who haven't had much high school mathematics and need a review before studying the college algebra. The first six weeks will be spent in reviewing elementary algebra and plane geometry. After that the advanced algebra will be presented.—Mr. Shutts.

MATHEMATICS 113. *Mechanical Drawing.* (1 hour).

First or second semester, 1:00-3:00, T. Th. A continuation of the principles of engineering drawing. Emphasis to be placed on orthographic projection, perspective, isometric drawing including practical problems.—Staff.

MATHEMATICS 121. *Solid Geometry.* (3 hours).

First semester, 9:00, M. W. F. This course is open to students not offering this subject as entrance credit. Emphasis is placed upon original exercise, construction and the nature of mathematical proof.—Mr. Shutts.

MATHEMATICS 131. *Descriptive Geometry.* (3 hours).

Second semester, 1:00-3:00, M. W. F. The aim of this course is to give a thorough knowledge of the methods and devices employed in development of the subject, including a thorough treatment of coordinate planes, coordinates, orthographic projections, projections, point of sight, views, etc. Prerequisites: Mechanical Drawing and Solid Geometry.—Mr. Shutts.

MATHEMATICS 203. *Practical Arithmetic.* (2 hours).

First and second semesters, 8:00, T. Th. Required of all students seeking elementary certificate. It is a general review course of the principles, processes, and methods of arithmetic—much drill is given in the solution of problems. Not open to Mathematical majors.—Mr. Shutts.

MATHEMATICS 205. *General Mathematics.* (4 hours).

Each semester, 11:00, M. T. W. F. This course is designed for those wishing to meet the mathematical requirement for elementary certification. The aim of this course is to give a thorough review of the processes and principles of elementary mathematics that will equip the teacher to handle the subject in the upper grades. The course will include a study of common fractions, decimals, percentages, interest, ratio, proportion, graphs, simple equations, the formula and intuitive geometry.—Mr. Shutts.

MATHEMATICS 213. *Business Mathematics.* (3 hours).

First semester, 10:00, M. W. F. This course is designed for those interested in business administration and teachers who wish 6 hours in elementary mathematics. It includes the fundamentals of arithmetic and algebra, logarithms, and functions as applied in the study of interest, bonds, stocks, annuities, etc.—Mr. McCarty.

MATHEMATICS 221. *College Algebra.* (4 hours).

First and second semester, 11:00, M. T. W. F. A study of the general quadratic and simultaneous quadratic equations, progressives, variations, logarithms, mathematical induction, functions, theory of equations, permutations, combinations, and determinants.—Mr. McCarty.

MATHEMATICS 231. *Plane Trigonometry.* (3 hours).

First and second semesters, 9:00, M. T. W. F. The development and use of trigonometric functions and relations between functions, logarithms and the solution of triangles.—Mr. McCarty.

MATHEMATICS 241. *Plane Surveying.* (3 hours).

First semester, 1:00-3:00, M. W. F. This course will include a study of spherical trigononmetry, as well as a general treatment of the elementary principles and methods of plane surveying, including both field work and office work. Prerequisite: Mathematics 231.—Mr. Shutts.

MATHEMATICS 251. *Analytic Geometry.* (4 hours).

Second semester, 8:00, M. W. Th. F. A brief treatment of the system of coordinates, geometric magnitudes, loci and their equations.—Mr. McCarty.

MATHEMATICS 261. *Mathematical Theory of Statistics.* (3 hours).

Second semester, 10:00, M. W. F. An introductory course for those interested in business administration. The course includes computation of statistical measurements, methods of collecting and analyzing data and the interpreting of results.—Mr. McCarty.

MATHEMATICS 307. *Advanced Algebra.* (3 hours).

Second semester, 10:00, M. W. F. A study of progression, permutation and combination, binomial and multinomial theorem, exponential and logarithmetic series. Undetermined coefficients, recurring series, summation of series, and probability, partial fractions, complex numbers. Prerequisite: Math. 251.—Mr. McCarty.

MATHEMATICS 311. *Spherical Trigonometry.* (3 hours).

Second semester, 10:00, M. W. F. The purpose of this course is two-fold: to provide a thorough knowledge of spherical trigonometry and to acquaint the student with some of the problems encountered in Astronomy and in the navigating of air-craft and surface vessels. Prerequisite: Mathematics 231.—Mr. Shutts.

MATHEMATICS 321. *Differential Calculus.* (4 hours).

First semester, 8:00, M. T. W. F. An extensive treatment of the ideas of calculus as applied to limits, differentiation of algebraic and transcendental functions. Prerequisite: Mathematics 251—Mr. McCarty.

MATHEMATICS 331. *Integral Calculus.* (4 hours).

Second semester, 8:00, M. T. W. F. A continuation of Mathematics 321 including thorough treatment of the integral.—Mr. McCarty.

MATHEMATICS 341. *Theory of Equations.* (3 hours).

First semester, 10:00, M. W. F. A continuation of the solution of equations of higher degree, transformations, determinants, eliminations, invariants and covariants, and symmetric function are treated in detail. Prerequisite: Math. 331.—Mr. Shutts.

MATHEMATICS 351. *Mathematics of Finance and Investment.* (3 hours).

Second semester, 10:00, M. W. F. This course includes an extensive study of annuities, amortization, sinking funds, bonds, depreciations and the elements of Actuarial Science. Prerequisite Math. 261.—Mr. McCarty.

MATHEMATICS 401. *Differential Equation.* (3 hours).

First semester, 8:00, M. W. F. A brief study of differential equations and their application. Prerequisite: Mathematics 331.—Mr. Shutts.

MATHEMATICS 405. *Modern Geometry.* (3 hours).

Second semester, 11:00, M. W. F. An extension of the principles and proofs of plane geometry including homothetic figures, the nine point circle, Wallace line, Brocard points, harmonic ranges, inversion and the geometry of the triangle.—Mr. Shutts.

MATHEMATICS 411. *Advanced Calculus.* (3 hours).

Second semester, 10:00, M. W. F. A continuation of differentiation and integration, partial differentiation and its application, the gamma and beta functions, power series and Fourier series. Prerequisite: Mathematics 331.—Mr. Shutts.

MATHEMATICS 421. *Descriptive Astronomy.* (3 hours).

Second semester, 8:00, M. W. F. The aim of this course is to study the application of mathematics in the solutions of the simple problems of astronomy. Prerequisite: Mathematics 251.—Mr. Shutts.

MATHEMATICS 431. *Theory of Determinants and Analytics of Space.* (3 hours).

Second semester, 9:00, M. W. F. A continuation of the study of determinants and matrices, and analytics of space. Prerequisite: Math. 331.—Mr. Shutts.

MATHEMATICS 451. *History of Mathematics.* (2 hours).

Second semester, 2:00, T. Th. A study of the development of Mathematics including a study of the solution of some of the chief problems of Mathematics. Open only to those who have completed Mathematics 331.—Staff.

MUSIC

State Requirements for Teachers in the field of Music:

MUSIC	24 Semester Hours
Theory Music 101 Music 225 Music 250 Music 411 Music 412	6
Applied Music Music 420 Music 421 Music 422 Music 423 Music 425 Music 426 Music 427 Music 428 Music 260 Music 263	9
Appreciation Music 301, 302, 305	3
Conducting Music 304, 403 Music 408	6

MUSIC

Mary B. Price, John T. Evans

The courses in Music required in curricula for the preparation of teachers in the Primary and Intermediate grades, Junior High and Rural Schools, are listed as Music 101, 201 and 305. These courses must be taken in consecutive order unless special arrangements are made with instructors.

Students who desire to elect Music as one of their teaching fields will follow the requirements for the preparation of Music Majors or Minors for a certificate which requires a minimum of 24 semester hours. Such student in this field must consult the head of the music department before launching his schedule at the beginning of his first year.

MUSIC 101. *Elementary Music.* (2 hours).

Offered during each semester and summer term. This course deals with rudiments of music and includes a study of the terminology of music, scale building, rhythm problems and the use of syllables in sight singing. Required of all students taking the curricula for Elementary Grades, Junior High, Rural Schools, and all Music Majors and Minors.—Mr. Evans.

Music 150. *Orchestra.* (1 hour).

Offered during first and second semesters of each school year. The school maintains an orchestra which rehearses twice a week. Students who play orchestral instruments are urged to contact the director. All Music Majors and Minors will be required to observe and participate in this organization by assignment from the head of the department.—Mr. Evans.

Music 160. *Band.* (1 hour).

Offered during first and second semesters of each school year. The band is divided into two units; the concert band which is open to men and women and the marching band for men only. The band is uniformed and plays for games and other student activities, as well as community parades, etc. It rehearses regularly with time given to all types of band music. All men and women students who choose music as a Major or Minor are urged to participate in this organization.—Mr. Evans.

Music 201. *Music Methods for Grades 1 to 6.* (2 hours).

Offered each semester and summer term. Required of all students taking the curricula for Primary and Intermediate grades. Junior High and Rural Schools, and Music Majors and Minors. Materials and Methods for dealing with the child voice and a comparative study of the various phases of music in the public schools, will be the basis for this course. Prerequisite: Music 101.—Miss Price.

Music 212. *Principles and Methods of Teaching Music.* (2 hours).

This course is designed for special teachers of music and is more detailed in technicalities than is Music 201. Required of all Music Majors and Minors.—Miss Price.

Music 225. *Ear Training.* (3 hours).

A study of tone and rhythm applied to elementary harmony and melody writing, gaining power to recognize, visualize, sing and write melodic phrases in all keys.—Mr. Evans.

MUSIC 250. *Sight Singing.* (2 hours).

This course requires facility in reading at sight part songs, standard choruses, anthems, chants, etc. Prerequisites: Music 101 and 225.—Miss Price.

MUSIC 301. *Music Appreciation.* (3 hours).

This course is designed to broaden the student's knowledge of music and to become familiar with the best music included on concert and radio programs. The presentation stresses the development of folk music as a basis of all music and as types of musical literature—thus providing a broader and more cultural understanding of music as an art. Required of all Music Majors and Minors, and may be elected by any college student without a prerequisite. However, it is to the student's advantage to have some musical background.—Miss Price.

MUSIC 302. *Music History.* (3 hours).

A general survey of musical history extending from prehistoric man to the present time. The progressive development of music down through the ages is traced and the style and works of the outstanding musicians studied with recorded illustrations. Required of Music Majors and Minors.—Mr. Evans.

MUSIC 304. *Choral Conducting.* (3 hours).

The routine and technique of choral conducting with much practical experience in handling the baton. The fundamental baton movements will be studied. Each student will have an opportunity to conduct choral selections beginning with the simple song form to the more difficult choral forms.—Mr. Evans.

MUSIC 305. *Music Appreciation for Elementary Teachers.* (2 hours).

Offered each semester and summer term. This course is required of all students pursuing the curricula for Elementary grades, Junior High and Rural Schools, and Music Majors and Minors. Proper attention will be given to the presentation of material through all the Elementary grades. Emphasis is placed upon the use of material to give children a richer background of rhythmic experiences and a background which will enable them to develop a love for good music. Prerequisites: Music 101 and 201.—Miss Price.

MUSIC 350. *Chorus.* (1 hour).

Offered each semester. A group of students who enjoy singing, make up the mixed group known as the College Choristers, singing standard part songs. Special programs for chapel and broadcasting are presented throughout the year. Open to all students.—Miss Price.

MUSIC 351. *Girls' Choral Club.* (1 hour).

Offered each semester. Each year a limited number of girls are selected, after tryouts, to make up this organization. The club sings the best part songs for women's voices and presents programs for various occasions throughout the year.—Miss Price.

MUSIC 352. *Men's Glee Club.* (1 hour).

Offered each semester. A limited number of men will be selected, after tryouts, to form this organization. The club will study part songs and present programs for various occasions throughout the year. Music 101 and 350 are recommended as prerequisites to men who do not read music.—Mr. Evans.

MUSIC 403. *Instrumental Conducting and Orchestration.* (3 hours).

The routine and technique of instrumental conducting, including score reading, transcriptions of piano compositions and much practical experience in handling the baton. Prerequisite: Music 304.—Mr. Evans.

MUSIC 408. *Orchestral Materials and Conducting.* (2 hours).

Advanced principles and methods of conducting with much practical experience in handling the baton, and conducting instrumental groups assigned by instructor—band, orchestra, etc. Prerequisites: Music 304 and 403, and required of all Music Majors and Minors.—Mr. Evans.

MUSIC 411. *Beginning Harmony.* (3 hours).

Admission to this course requires a working knowledge of the rudiments of music. A study is made of the nature and application of the triads, dissonant harmony and remote modulation with special emphasis placed on original composition. Prerequisites: Music 101, 225 and 250.—Mr. Evans.

MUSIC 412. *Harmony.* (3 hours).

A continuation of Music 411. A study is made of all the forms of dissonant harmony, the principles governing the uses of chromatic harmony, and remote modulation with special emphasis placed on original composition. Prerequisite: Music 411.—Mr. Evans.

Music 430. *Materials and Methods of Teaching Piano.* (1 hour).

A course for students who have some background in the study of piano and are interested in teaching. Consideration of modern piano methods, correct habits of study and performance, selection and organization of materials. Analysis and solutions of individual problems. Lectures and illustrations in techniques, sight reading, memorizing and the adult beginner. Some practical observations of actual teaching of pupils will be made as often as it is practicable.—Mr. Evans.

Music Education 431. *Teaching of Music in the Junior and Senior High School.* (2 hours).

A study is made of all the problems involved in the teaching of music subjects and the organizing of choruses, glee clubs, orchestra, and bands in the high schools. Selection, preparation, and presentation of all types of music programs and entertainments.—Miss Price.

INSTRUMENTAL MUSIC

Music 260. *Brass Instruments.* (1 hour).

Study of the instrument. Tone production. Easy pieces. Simple scales and exercises. Literature of the instruments studied.—Mr. Evans.

Music 261. *Strings.* (1 hour).—Mr. Evans.

Music 262. *Woodwinds.* (1 hour).—Mr. Evans.

APPLIED MUSIC

All Music Majors and Minors are required to complete a minimum credit of nine hours in Applied Music including Vocal, Piano and other Instruments. A special fee is charged for applied music.

Music 420-423. *Voice.* (1 hour). Periods to be arranged.

A student majoring or minoring in music must apply, toward his degree, credit of not less than three hours in this course. The student takes one private lesson (1 hour period) each week. He is expected to practice and study at least six hours a week.—Miss Price.

Music 425-428. *Piano.* (1 hour). Periods to be arranged.

A student majoring or minoring in music must apply, toward his degree, credit of not less than three hours in this course. The student takes one private lesson (1 hour period) each week. He is expected to practice and study as directed by the instructor.—Mr. Evans.

PHYSICAL SCIENCE

Mr. Rogers, Mr. Haught, Dr. Ward and Assistants

State Requirements for Teachers in the field of Physical Science:

PHYSICAL SCIENCE Suggested Courses	24 Sem. Hrs. Minimum Required
Chemistry	12
General Chemistry Inorganic Chemistry Qualitative Analysis Organic Chemistry Food Analysis of Dairy Chemistry	
Physics	8
General Physics Radio Telegraphy and Telephony Photography Light Mechanics Heat Electricity Modern Physics	
Electives (Unrestricted)	4

Physics 101, General Physics	3 Hours Required
Physics 102, General Physics Lab.	1 Hour Required
Physics 103, General Physics	3 Hours Required
Physics 104, General Physics Lab.	1 Hour Required
Physics 202, Photography	2 Hours Required
Physics 301, Electricity and Magnetism	3 Hours
Physics 302, Electricity and Magnetism Lab.	1 Hour
Physics 303, Magnetism and Electricity Alternating Currents	3 Hours
Physics 304, Magnetism and Electricity Alternating Currents Lab.	1 Hour
Physics 403, Advanced Light	3 Hours
Physics 404, Advanced Light Lab.	1 Hour

PHYSICS

Mr. Haught

All courses offered in Physics are recommended for students taking Chemistry and Physics as teaching subjects.

No person is considered officially enrolled in any laboratory course in Physics until he has paid the fee stated in the description of the course.

PHYSICS 101. *General Physics.* (3-4 hours).

First semester, 10:00, M. W. F. It is the aim of this course to familiarize the students with many of the facts and laws of mechanics, meteorology, and heat, as well as to train in the methods of science and scientific thinking.

PHYSICS 102. *Laboratory.* (1 hour).

First semester, 1:00 to 3:00, T. or Th. This is a laboratory course to accompany Physics 101. The course consists of the performance of 12 to 15 experiments in the field of mechanics and heat. Fee $2.00.

PHYSICS 103. *General Physics.* (3-4 hours).

Second semester, 10:00, M. W. F. A study of the phenomena and laws of sound, light, magnetism and electricity. Prerequisites: Physics 101 and 102.

PHYSICS 104. *Laboratory.* (1 hour).

Second semester, 1:00 to 3:00, T. or Th. A laboratory course to accompany Physics 103 with the same general requirements as Physics 102. Fee, $2.00.

PHYSICS 202. *Photography.* (Formerly Physics 402). (2 hours).

Second semester, T., 9:00 and Laboratory M., 1:00-3:00. Prerequisites: 101, 102, 103, 104. Fee, $3.00.

PHYSICS 301. *Electricity and Magnetism.* (3 hours).

First semester, M. W. F. A more advanced study of the properties and measurements of electric currents than was made in Physics 103.

PHYSICS 302. *Laboratory.* (1 hour).

First semester, 1:00 to 4:00 T. or Th. This is a laboratory course designed to accompany Physics 301. The course includes the performance of several experiments in electricity. Fee, $3.00.

Physics 303. *Magnetism and Electricity, Alternating Currents.* (3 hours).

Physics 304. *Laboratory.* (1 hour).

A laboratory course designed to accompany Physics 303. Fee, $3.00.

Physics 403. *Advanced Light.* (3 hours).

This course deals with the principles of optics, photography, and the modern theories of light.

Physics 404. *Laboratory.* (1 hour).

A laboratory course designed to accompany Physics 403. Fee, $3.00.

PHYSICAL SCIENCE

The following courses are offered to meet the physical science requirements for the Standard Normal Certificate or for the First Class Collegiate Elementary Certificate.

General Physical Science 201. (3 hours). (Formerly Physical Science 315).

First semester: An introductory course in physical science which aims to present a scientific background and inspire greater appreciation and understanding of man's physical environment. The course is non-technical and deals with practical and everyday applications of the fundamental principles of mechanics, light, heat, sound and electricity.—Mr. Haught or Mr. Rogers.

General Physical Science 202. (3 hours).

Second semester: In this course emphasis is placed on the applications of the science of chemistry to our present civilization. Elementary concepts of Astronomy and Geology are also presented.—Mr. Haught or Mr. Rogers.

PSYCHOLOGY

Dr. Shreve

Psychology 103. *General Psychology.* (3 hours).

First semester, 11:00, M. W. F. Open to freshmen and sophomores. A study is made of the principles of psychology and their application to life situations. The major topics are:

methods of studying psychology, motivation, emotions and their control, the nervous system and its functions, the special senses and their uses, intelligence and its measurement, adjustment to vocation and to social life.

PSYCHOLOGY 105. *Applied Psychology.* (3 hours).

Second semester, 11:00, M. W. F. Open to freshmen and sophomores. Consideration is given to the applications of psychology to the solution of the practical problems of life. The major topics are: the applications of psychology to everyday life, to clinical practice, to personnel work, to home life, to education, to industry, to law and medicine, to social adjustment, and to social reform. Prerequisite: Psychology 103.

PSYCHOLOGY 315. *The Psychology of Childhood.* (3 hours).

First semester, 1:00, M. W. F. Open to sophomores and juniors. The major topics are: methods of studying child psychology, physical growth and development, mental growth and development, emotional behavior and control, social and moral development, physical and mental hygiene of the child, and the guidance and control of child behavior. Offered in 1946-47 and alternate years. Prerequisite: Psychology 103.

PSYCHOLOGY 325. *The Psychology of Personality.* (3 hours).

First semester, 1:00, M. W. F. Open to sophomores and juniors. A study of the factors influencing the development of personality. The major topics are: the meaning of personality, the concept of a normal personality, the dynamics of personality, the common forms of maladjustment, personality evaluation and improvement. Offered in 1945-46 and alternate years. Prerequisite Psychology 103.

PSYCHOLOGY 415. *Social Psychology.* (3 hours).

Second semester, 1:00, M. W. F. Open to juniors and seniors. A study of social behavior from a psychological point of view. The major topics are: the methods of social psychology, the social foundations of behavior, individual factors in social adjustment, social behavior, the psychology of social institutions, social conflicts, and social reforms. Offered in 1946-47 and alternate years. Prerequisites: Sociology 120 and Psychology 103.

PSYCHOLOGY 425. *Mental Hygiene.* (3 hours).

Second semester, 1:00 M. W. F. Open to juniors and seniors. A general introduction to the field of mental hygiene. The major topics are: the nature and scope of mental hygiene, the prevention of mental disease and the promotion of mental health, and the development of a well-integrated and wholesome personality. Offered in 1945-46 and alternate years. Prerequisites: Psychology 103 and Psychology 325.

SOCIAL SCIENCES

HIGH SCHOOL CERTIFICATES

General Requirements			12 semester hours

At least one course in each of three subjects should be selected from the following: American or European History, Economics, Geography, Political Science, Sociology.

Social Studies Teaching Field			24 semester hours
American History	6-8 hrs.		
European History	4-6 hrs.		
West Virginia History	2-3 hrs.	14 hours	
Economics	2-3 hrs.		
Geography	2-3 hrs.		
Political Science	2-3 hrs.		
Sociology	2-3 hrs.	10 hours	

ELEMENTARY CERTIFICATES

Social Studies		18 semester hours
History 103, 104 or electives	6 hrs.	
History 302	3 hrs.	
Economics 103 or electives	3 hrs.	
Sociology 120 or electives	3 hrs.	
Geography 204, 305	3 hrs.	

ELEMENTARY CERTIFICATES (Single Curriculum)

Social Studies		18 semester hours
Social Studies 101	3 hrs.	
Social Studies 102	3 hrs.	
Social Studies 201	3 hrs.	
Social Studies 202	3 hrs.	
History 302	3 hrs.	
Geography 305	3 hrs.	

Additional Electives		15 semester hours
History 205, 304, 305, 460	6 hrs.	
History 402, 460	3 hrs.	
Economics 103, 204, 301) Political Science 103, 302) Sociology 120, 220, 350, 410)	6 hrs.	

SOCIAL SCIENCES

Economics, Geography, History, Political Science, and Sociology

Mr. Pence, Miss Crystal, Mr. Lively, Miss Prichard, Dr. Lindley

ECONOMICS

Economics 101. *Principles of Economics.* (3 hours).

First semester. Analysis of economic life with a view toward discovering the laws regulating production, prices, and distribution. Recommended for students expecting to continue work in Economics and Engineering.—Mr. Pence.

Economics 103. *Problems of Economics.* (3 hours).

Second semester. Survey of major American economic problems: labor problems and legislation, government regulation of business, taxation, agriculture, and others.—Mr. Pence.

Economics 301. *Current Economic Problems.* (3 hours).

Night and summer sessions. Analysis and discussion of the leading economic problems of the time.—Mr. Pence.

GEOGRAPHY

Geography 204. *Economic Geography.* (3 hours).

Second semester. Study of major economic production of the countries of the world with emphasis on factors determining geographical location of manufacturing, agricultural, industrial, mining and trade centers.—Mr. Pence.

Geography 305. *World Geography.* (3 hours).

First semester. Location of states and possessions. National interests and their geographical development. The economic life and political structure of major nations. Geographical factors in the war and in the peace.—Mr. Pence.

HISTORY

History 101. *World Civilization.* (3 hours).

First semester. Part I. Ancient and Medieval political systems and cultures.—Dr. Lindley.

History 102. *World Civilization.* (3 hours).

Second semester. Part II. The rise of national cultures in the nineteenth and twentieth centuries.—Dr. Lindley.

HISTORY 103. *A Survey of the United States History.* (3 hours).

First semester, 4 sections. The background of modern America 1492-1850. A survey of the political, social, economic and cultural forces and occurrences of the United States in their world setting. Considerable stress is placed on the origin and development of the Constitution.—Miss Crystal, Miss Prichard, Dr. Lindley.

HISTORY 104. *A Survey of the United States History.* (3 hours).

Second semester, 4 sections. A continuation of 103. The emergence and problems of modern America, 1850 to the present time.—Miss Crystal, Miss Prichard, Dr. Lindley.

HISTORY 203. *Economic and Social History of the United States.* (3 hours).

First semester. The main trends in the development of American economic and social life, the mind and character of the American people as revealed in their daily life, their institutions, and relationships; the development of agriculture, industry, trade, etc.—Miss Crystal.

HISTORY 205. *Current Affairs.* (3 hours).

Both semesters. Contemporary affairs in their world setting.—Miss Crystal.

HISTORY 206. *Representative America.* (3 hours).

Second semester. A biographical approach to national history by the student of 40 or 50 significant and pivotal personalities in the field of politics, business, education, etc.—Miss Crystal.

HISTORY 221. *Modern Europe.* (3 hours).

First semester. Part I, early modern culture. The reformation and the rise of national state systems. The economic revolution.—Dr. Lindley.

HISTORY 222. *Modern Europe.* (3 hours).

Second semester. Part II, the French Revolution, democracy and nationalism, the World War and its aftermath.—Dr. Lindley.

HISTORY 302. *History of West Virginia.* (3 hours).

Both semesters. The aim of this course is to trace the history of West Virginia in its relation to the development of the federal union and the region of which it is a part. Special emphasis is given to the integrating of the geography and government with the history.—Mr. Pence.

HISTORY 304. *United States and Latin American.* (3 hours).

Second semester. A study of the United States in relation to Latin American affairs. The introductory portion is a brief study of the settlement, development and present status of the Central and South American republics. The emphasis is on the United States-Latin American relations from the Monroe Doctrine to the New Deal Good Neighbor Policy.—Miss Crystal.

HISTORY 305. *History of the United States Foreign Policy.* (3 hours).

First semester. A survey of the foreign policy of the United States to the present time. Special attention is given to European relations, diplomacy in the Far East, diplomatic relations leading to the World War, the problems of the post war period.—Miss Crystal.

HISTORY 306. *History of Latin America.* (3 hours).

First semester. A survey of the history of Latin America from the conquest to the present.—Miss Crystal.

HISTORY 307. *English History.* (2 hours).

First semester. Part I. England to the Glorious Revolution.—Dr. Lindley.

HISTORY 308. *English History.* (2 hours).

Second semester. Part II. England from the Glorious Revolution to the present.—Dr. Lindley.

HISTORY 309. *History of Western Culture.* (3 hours).

First semester. Part I. A study of the prevailing political, social, philosophical, religious and other cultural ideas and systems from the beginning of history to the Middle Ages.—Dr. Lindley.

HISTORY 310. *History of Western Culture.* (2 hours).

Second semester. Part II. The same continued to our own time.—Dr. Lindley.

HISTORY 400. *American Colonial History.* (3 hours).

First semester. A study of the Eureopean Background of American History and the political, social and economic developments of the American people through the Revolutionary War.—Miss Crystal.

HISTORY 401. *Recent History of the United States.* (3 hours).

Second semester. From the Civil War to the World War. A study of congressional reconstruction, diplomatic and political development, the passing of the frontier, financial and economic readjustment, the Populist Movement, free silver, government regulation of business, Theodore Roosevelt and the Progressive Movement.—Miss Crystal.

HISTORY 402. *Contemporary Europe.* (3 hours).

Both semesters. Europe since the World War. The contemporary scene.—Miss Crystal.

HISTORY 403. *Development of Democracy.* (3 hours).

First semester. A detailed study of the United States history in 1840, with special emphasis on the origin and development of the Federal Constitution and Jeffersonian and Jacksonian Democracy.—Miss Crystal.

HISTORY 406. *United States and the Second World War.*

A study of the background and development of the present world conflict.—Miss Crystal.

HISTORY 410. *United States Since the World War.* (3 hours).

Second semester. This course is introduced by a study of Woodrow Wilson and the World War. The main course is an intensive study of the United States since 1918 as an historical background to present day problems.—Miss Crystal.

HISTORY 460. *Honor Course in American History*

HISTORY 461. *Honor Course in European History.* (2-4 hours).

Tutorial courses in history open only to senior students with a "B" average.—Miss Crystal.

POLITICAL SCIENCE

POLITICAL SCIENCE 103. *American Federal System.* (3 hours).

Both semesters, 1 section. A survey of American government, national, state and local.—Mr. Pence.

Political Science 203. *Comparative Government.* (3 hours).

Second semester. A comparative study of the world's leading governments, with special attention to their backgrounds, forms and practices.—Mr. Pence.

Political Science 302. *American Constitutional System.* (3 hours).

A study of the constitutional basis of the American governmental system together with its interpretations and modifications. For juniors and seniors.—Mr. Pence.

SOCIAL STUDIES

Social Studies 101. *The Development of Social Institutions.*

This course is an interpretation of European and American history in terms of the development of institutions. It will deal in part with the rise of the national state, the evolution of political democracy, the coming of our capitalist economy, imperialism and international conflict, the ideological patterns of the present era and the problems of the present war.—Miss Crystal.

Social Studies 102. *The Development of Social Institutions.*

This will be simply the last half of the course described above.—Miss Cyrstal.

Social Studies 201. *Survey of Social Institutions and Problems.*

This course will consider outstanding social, economic and political institutions and problems of the contemporary world such as: The Family, Crime, Social Control, Labor Organization, Economic Insecurity, Political Parties, The Democratic Process.—Mr. Lively.

Social Studies 202. *Survey of Social Institutions and Problems.*

Second semester continuation of Social Studies 201.—Mr. Lively.

SOCIOLOGY

Sociology 120. *Introduction to Sociology.* (3 hours).

Two sections each semester. This course is designed to give the student an intelligent understanding and a working system of thought about society and social origins, and a development of institutions such as government, religion, property, education, and social control from earliest times. Required of Social Science majors and prerequisite to other courses in Sociology.—Mr. Lively.

Sociology 201. *Rural Sociology.* (3 hours).

Section each semester. This course discusses the rural, social and economic problems growing out of such topics as good roads, farm organizations, social life, recreation, isolation, religious life, education, with suggestions for their solution. Emphasis is placed upon educational agencies.—Mr. Lively.

Sociology 220. *Human Culture and Social Values.* (3 hours).

First semester. This course attempts to identify and relate in an understanding way the processes through which our cultural values have developed.—Mr. Lively.

Sociology 350. *Crime and Its Prevention.* (3 hours).

First semester. A study of the history and causes of crime, theories of punishment, modern prison systems and modern methods of dealing with the criminal. Prerequisite: Sociology 120.—Mr. Lively.

Sociology 360. *Social Problems of Industry.* (3 hours).

Second semester. This course is designed to give a clear understanding of the problems arising from systems of employment and labor, and the social obligations of society as a whole in adjusting living conditions so that those involved may enjoy a greater degree of happiness.—Mr. Lively.

Sociology 410. *The Family.* (3 hours).

Second semester. This course begins with an attempt to understand the origin of the family life from primitive to modern times, and especially deals with the relation of family life to society in general. Prerequisite: Sociology 120.—Mr. Lively.

SPEECH

(Minor)

SPEECH	24 Sem. Hrs.
I. Required Courses	12-15 hours
Speech 101. Fundamentals of Speech	2 hours
Speech 105. Voice and Diction	2 hours
Speech 243. Debate	2-3 hours

	Speech 336. Play Directing	2-3 hours
	Speech 337. Effective Speaking	2 hours
	Speech 430. Speech Correction	2-3 hours
II.	Elective Courses	10-12 hours
	Speech 151. Play Production	2 hours
	Speech 152. Theatre Workshop	1-2 hours
	Speech 244. Intercollegiate Debating	1-2 hours
	Speech 245. Oratory	1-2 hours
	Speech 301. Make-up	1-2 hours
	Speech 331. Drama in Elementary Grades	2 hours
	Speech 334. Radio in Education	2-3 hours
	Speech 421. Poetry Interpretation	3 hours
III.	English (Required in Support of Public Speaking)	14 hours
1.	English 103	3 hours
	English 107	3 hours
2.	Advanced Composition English 302, 321, 413	2-3 hours
3.	English Literature English 316, 351, 401	3 hours
4.	American Literature English 213, 214, 361	3 hours
5.	Suggested Electives English 241 Lib. Sci. 101 Eng. 223, 224, 225, 226, 318, 322, 410.	2 hours

SPEECH COURSES

SPEECH 101. *Fundamentals of Speech.* (2 hours).

First semester. First section, 8:00, T. Th. Second section, 9:00, T. Th. Third section, 11:00, T. Th. Fourth section, 1:00, T. Th. This course includes the elementary phases of oral language training needed by teachers; reading aloud, short speeches, enunciation, pronunciation, parliamentary procedure. Repeated second semester, 8:00, T. Th. Required of Speech Minors.—Dr. Opp and Mr. Wallman.

SPEECH 105. *Voice and Diction.* (2 hours).

Second semester, 9:00, T. Th. This course includes study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasing standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Minors.—Dr. Opp.

SPEECH 151. *Acting and Production of Amateur Plays.* (2 hours).

First semester, 2:00, T. Th. and some laboratories. Dramatic expression, theory and practice. Acting and staging of plays. Repeated second semester.—Mr. Wallman.

SPEECH 152. *Theatre Workshop.* (Variable credit).

Actual laboratory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, costuming, etc.—Mr. Wallman.

SPEECH 243. *Debate.* (2 hours).

First semester, hours to be arranged. Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in intercollegiate debate. Required of Speech Minors.—Dr. Opp.

SPEECH 244. *Intercollegiate Debating.* (Variable credit).—Dr. Opp.

SPEECH 245. *Oratory.* (Variable credit).

First semester, 2:00, T. Th. A study of the structure, aims, and principles of writing orations and the delivery of them.—Dr. Opp.

SPEECH 301. *Make-up.* (Variable credit).

First semester. Hours to be arranged. A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school productions. Designed for students interested in dramatic-production.—Mr. Wallman.

SPEECH 331. *Dramatics in the Elementary Grades.* (2 hours).

Second semester and summer, 1:00, T. Th. Course designed for teachers in the elementary grades in the staging of entertainments of various natures. A consideration of dramatic forces suited to the elementary grades; puppetry, marionettes, choric speaking, model stage construction, etc. For students taking Curriculum B.—Mr. Wallman.

SPEECH 334. *Radio in Education.* (2 hours).

First semester, 11:00, M. W. Speech 334 is a non-technical course designed to stress the possibilities and use of radio in the classroom. Laboratory periods include the use of broadcasting and recording equipment, and the preparation and presentation of the various types of programs. The course does not include instruction in script writing. Prerequisite: English 105, or permission of the instructor.—Mr. Wallman.

SPEECH 336. *Play Directing.* (2-3 hours).

Both semesters, 2:00, M. W. Selection of plays, suitable to high school presentation, interpretation, and directing problems. Required of Speech Minors.—Mr. Wallman.

SPEECH 337. *Effective Speaking.* (2 hours).

Second semester, 8:00, T. Th. This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Minors.—Mr. Wallman.

SPEECH 421. *Poetry Interpretation.* (3 hours).

Second semester, 2:00, M. W. F. Oral interpretation of poetry with some practice in choric speech.—Mr. Rhodes.

SPEECH 430. *Speech Correction.* (2 hours).

First semester. Study and recognition of speech defects. Exercises for correction and treatment of minor defects.—Mr. Wallman.

ENROLLMENT OF RESIDENT AND EXTENSION STUDENTS BY COUNTIES

FOR 1944-45 INCLUDING FIRST AND SECOND SUMMER TERMS, 1944

County	*Number*	*County*	*Number*
Marion	413	Logan	2
Harrison	72	McDowell	2
Monongalia	61	Boone	1
Preston	44	Fayette	1
Taylor	39	Greenbrier	1
Grant	36	Hampshire	1
Wetzel	27	Hancock	1
Barbour	12	Kanawha	1
Marshall	9	Pendleton	1
Tucker	9	Pleasants	1
Lewis	7	Ritchie	1
Mineral	7	Tyler	1
Nicholas	6	Wayne	1
Webster	5	Webster	1
Randolph	4	Out of State:	
Upshur	3	Connecticut	1
Braxton	2		
Hancock	2	Total	776

SUMMARY OF ENROLLMENT FOR 1944-45

INCLUDING FIRST AND SECOND SUMMER TERMS, 1944

Resident Students

	Men	*Women*	*Total*
Special Students	37	99	136
Seniors	18	95	113
Juniors	29	113	142
Sophomores	9	83	92
Freshmen	57	156	213
Total	150	546	696
Extension Students	14	66	80
Total	164	612	776

STUDENTS WHO RECEIVED DEGREES IN 1944

A. B. DEGREE

Jones, Frances Lee	227 Maple Ave., Grafton, W. Va.	Taylor

B. S. DEGREE

Brown, Melvin Lee	Elk Garden, W. Va.	Mineral

A. B. DEGREE IN EDUCATION

Name	*Address*	*County*
Andrick, Thomas Blaine	Route 3, Phillipi, W. Va.	Barbour
Auvil, Gertrude Dietz	St. George, W. Va.	Tucker
Banks, Nellie Straight	408 Murray Ave., Fairmont, W. Va.	Marion
Bennett, Pearl Chambers	1202 Bryant St., Fairmont, W. Va.	Marion
Bircher, Ila Pearl	116 Fortney Ave., Kingwood, W. Va.	Preston
Burns, Jean Hickman	Parsons, W. Va.	Tucker
Campbell, Sally Jean	7 Fairview Road, Rivesville, W. Va.	Marion
Carr, Mary Catherine	571 Spruce St., Morgantown, W. Va.	Monongalia
Chrystal, Marguerite	Davis, W. Va.	Tucker
Corley, Rosalie Ruth	Mill Creek, W. Va.	Randolph
Criss, Wilba Smith	12 Outlook Road, Fairmont, W. Va.	Marion
Curry, Marguerite Helen	502 Buffalo Ave., Fairmont, W. Va.	Marion
Devore, Doris Ruth	Homewood Addition, Mannington, W. Va.	Marion
Dillon, Roxy Downs	1253 Fennimore St., Fairmont, W. Va.	Marion
Drainer, William Currey	Grafton, W. Va.	Taylor
Dunkin, Lucy Callaway	Bridgeport, W. Va.	Harrison
Gabriele, Lena Madalyn	623 Market Street, Fairmont, W. Va.	Marion
Gifford, Dora Mabel	Lost Creek, W. Va.	Harrison
Gift, Leona Pearl	188 Argyle St., Keyser, W. Va.	Mineral
Gocke, Elizabeth C.	301 High St., Fairmont, W. Va.	Marion
Harvey, June Elizabeth	1101 Carleton St., Fairmont, W. Va.	Marion
Helmick, Lorenza, Jr.	St. George, W. Va.	Tucker
Koon, Ruth Naomi	Monongah, W. Va.	Marion
Kuhn, Esther	Route 1, Fairmont, W. Va.	Marion
Lake, Virginia Marie	329 Dewey Ave., Grafton, W. Va.	Taylor
Lynch, Margaret June	Rachel, W. Va.	Marion
McClure, Julia Molner	Pursglove, W. Va.	Monongalia
Menke, Leona Irene	Cassville, W. Va.	Monongalia
Morace, Loretta O.	301 McKinney St., Fairmont, W. Va.	Marion
Moran, Bessie M.	Spruce St., Thomas, W. Va.	Tucker
Moss, Rhoda Lee	Route 1, Shinnston, W. Va.	Harrison
Myers, Lois Irene Knight	Route 4, Fairmont, W. Va.	Marion
Pantalone, Margaret	Farmington, W. Va.	Marion
Parsons, Dorothy	Proctor, W. Va.	Wetzel
Poling, Dorotha McBee	Route 2, Philippi, W. Va.	Barbour
Poling, Dortha Jeanne	Rachel, W. Va.	Marion
Price, Grace Louise	Rachel, W. Va.	Marion
Rex, Lucy M.	1230 Lowell St., Fairmont, W. Va.	Marion
Rexroad, Hugh Leon	44 PawPaw Ave., Rivesville, W. Va.	Marion

Name	Address	County
Sayres, Ivy Louise	1114 West Main St., Grafton, W. Va.	Taylor
See, Mabel Linger	Roanoke, W. Va.	Lewis
Shingleton, Miriam Jean	226 Riverside Drive, Grafton, W. Va.	Taylor
Shutts, Ethel Bartlett	20 Outlook Road, Fairmont, W. Va.	Marion
Simon, Mary Susan	75 Walnut St., Shinnston, W. Va.	Harrison
Sincell, Eleanor Byrne	Edgemont, Fairmont, W. Va.	Marion
Smith, Evelyn Morrison	203 E. 8th St., Weston, W. Va.	Lewis
Summers, Aretta Jane	815 E. Park Ave., Fairmont, W. Va.	Marion
VanHorn, Maxine Parrish	Rachel, W. Va.	Marion
Vincent, Bernice Olive	Colfax, W. Va.	Marion
Vincent, R. Glen	Route 1, Hammond, W. Va.	Marion
Zinn, Freda Beryl	101 Willowdale Rd., Morgantown, W. Va.	Monongalia

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